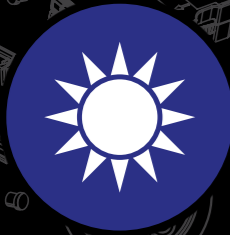


# NIKOMAX<sup>®</sup>



Copper & Fiber Optic Solutions

Taiwan



NIKOMAX Limited  
Headquarters

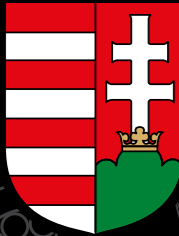
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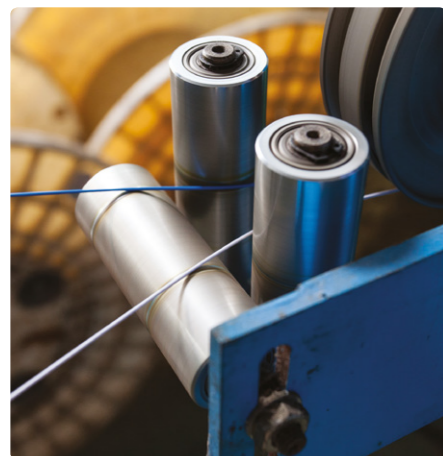
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Large production capacity



Advanced manufacturing equipment



Finely tuned continuous process



Accurate and responsible approach

## About NIKOMAX

NIKOMAX offers quality network solutions from Structured Cabling System (SCS) to networking components and equipment. The brand was launched in Russia (a total of 24 branches within the country) in 2003. Over the years, it has expanded to Hungary, Kazakhstan, Singapore and Taiwan.

### World-Class Solution

In Taiwan and Russia, NIKOMAX R&D team has more than 15 years of experience dealing with network infrastructure solutions.

We focus on quality assurance, utilizing professional talents and have implemented solutions across commercial estates, government bodies and various industries.

To ensure utmost capability of our cables, we are certified by Delta, GHMT, CE/CPR.

### Production and testing

We are confident of the quality of our products. Regardless of the cables series, our items are manufactured only of the best materials, by the most reputable plants.

Under stringent control, our samples from each batch are tested directly at the plant or in NIKOMAX laboratories.

### System Warranty

NIKOMAX Limited, the owner and quality guarantor of NIKOMAX products, can provide both 15- and 25-year System Warranties directly to the end user of installed structured cabling system.

The key point of System Warranty is that NIKOMAX Limited offers product and applications assurance of compliance with the industry performance standard appropriate to the class of cabling installed within 25-year period from the date of issue of Warranty Certificate.

### Warranty Terms

Warranty period directly depends on the cable series implemented in the project. The NIKOMAX structured cabling system is subject to System Warranty under the following conditions:

Designing, installation and certification testing are carried out by NIKOMAX certified Installer;

Only NIKOMAX-manufactured cabling system components are implemented into the Customer's system;

NIKOMAX components are to be purchased from a NIKOMAX-authorized partner, who has the right to provide extended warranty;

NIKOMAX Limited confirms that all the forms are filled in correctly and the test results are in compliance with specified standards;

NIKOMAX SCS owner is issued the certificate confirming the proper design of the project, installation quality and link compliance with international ISO/IEC 11801-2002 Standard.

**Conditions and duration of action for arrangements that have not entered in to force yet may differ from region to region or project and could be unilaterally changed by the Supplier.** In some occasions additional conditions may be required. Please specify details with your sales manager.

### Education

In NIKOMAX we strongly believe that only if a partner completely understands the products in terms of their consumer properties, technical features and competitive advantages that he will be able to deliver this message to end customers.

We want to supply our partners with very powerful tools to win a customer - knowledge and expertise. No one now wants to buy just a box, and surely, everybody needs to get a solution, which both fits the budget and meets the requirements. More to it, we all would be happy to get something even exceeding our expectation.

In order to provide our partners with both important copper and fiber optic cable industry standards and latest news on cutting edge NIKOMAX products, we have launched the following Courses.

### NIKOMAX Cabling Systems Authorized Course

The event, first of all, is targeted for System Integrators, Cable Installers and those who are involved in design, engineering and maintenance of Cabling Systems. This 1-day Course consists of comprehensive theory covering copper and fiber optic solutions and components, together with live-demo and brief hands-on part.

Upon successful completion of the Course and passing the exam, attendees will receive NIKOMAX SCS Expert Certificates. Their companies will also obtain the status of NIKOMAX SCS Certified Installers with the right to design, install and provide a 25-year warranty for NIKOMAX cabling system.

### NIKOMAX Sales Course

We expect to see those who sell LAN cables and SCS components or advise end-customers on choosing brands and suppliers for such products.

This short 3-hour event introduces NIKOMAX products' advantages and specific features, which make it stand out among its competitors. The Course is packed with live-demo to help attendees feel NIKOMAX components.

Visit the Education section in our website [www.nikomax-global.com](http://www.nikomax-global.com) to get more details.

## NIKOLAN cables

Cable infrastructure is the heart of any communication system. NIKOLAN is a sub-brand under NIKOMAX umbrella for high quality cable production. NIKOLAN cable product line includes copper and fiber optic cables, capable of meeting any expected performance.

NIKOLAN copper (twisted pair) cables comprise 3 different series designed for use in high-speed data systems (up to 40 Gbps) and SOHO, in order to fulfill different clients' needs and budgets.

### NIKOLAN 9<sup>th</sup> Series Cables

The 9<sup>th</sup> Series is the flagship of NIKOMAX. These cables are produced of premium materials, with strict quality control, giving superb accuracy. Our 9<sup>th</sup> Series cables meet international standards promising nothing but only the best choice for structured cabling. It is able to withstand harsh conditions and comes with outstanding performance without compromising its durability.

We have a diversified range of shielded and unshielded four pair cables ranging from Cat. 5e to Cat.8, for indoor and outdoor installations. All models are packed in drums, ensuring no damages during transport, giving consistency of performance and convenient unwinding and installation.

We offer an extended 25-year system warranty for projects, which are built on 9th Series NIKOLAN cables, designed, installed and tested by NIKOMAX Authorized Installer. Component warranty period makes up to 15 years.

### NIKOLAN 4<sup>th</sup> Series Cables

This series is a high quality but cost-effective solution for any project scale with the requirement of system certification. The 4<sup>th</sup> Series includes shielded and unshielded cables from Cat.5e to 7<sup>A</sup>, for indoor and outdoor installations.

We offer an extended 15-year system warranty for projects, which are built on 4th-series NIKOLAN cables, designed, installed and tested by NIKOMAX Authorized Installer. Component warranty period makes up 5 years.

### NIKOLAN 2<sup>nd</sup> Series Cables

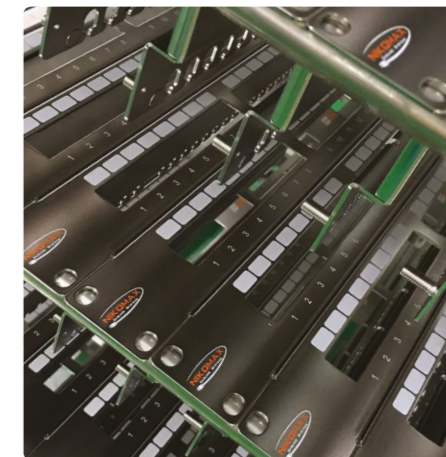
This series is a high quality and cost-effective solution for projects of any complexity, without the requirement of system certification.

It is the most economical solution in the NIKOLAN series with guaranteed performance and 1-year component warranty. The series includes Cat. 5e and 6 unshielded indoor cables.

### NIKOLAN Fiber Optic cables

At the moment, the NIKOLAN product line mainly consists of Distribution cables. Reinforced with aramid yarns, these cables are designed for laying inside buildings: in cable trays and channels, pipes, etc. Such cables are widely used in construction of backbone cable subsystems.

For distribution cables we offer an extended 25-year system warranty for registered projects and a 5-year component warranty.



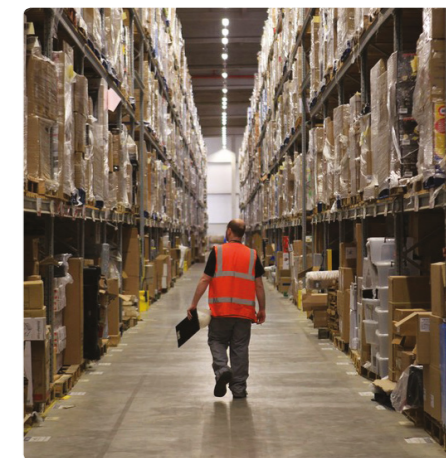
Only high quality components and materials



Bright retail packaging



Mandatory testing control



Local warehouses

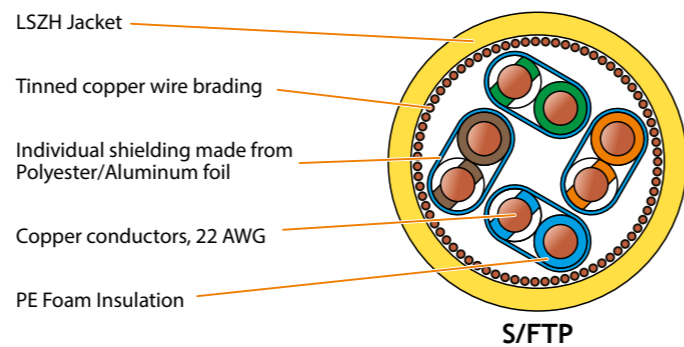
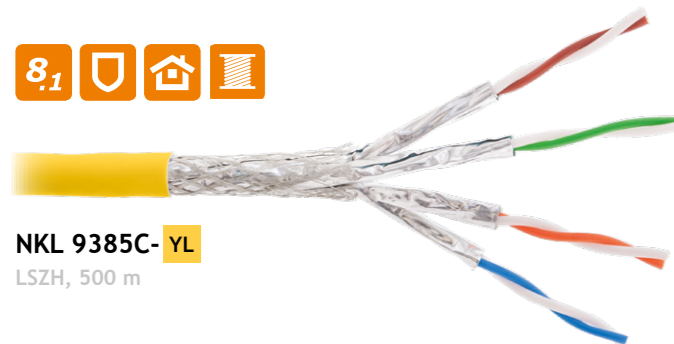


NIKOLAN copper cables packaging

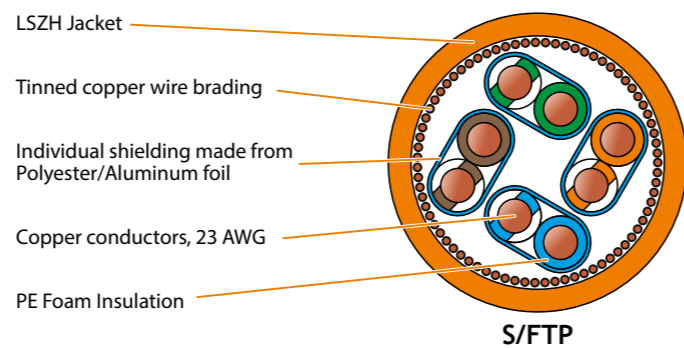
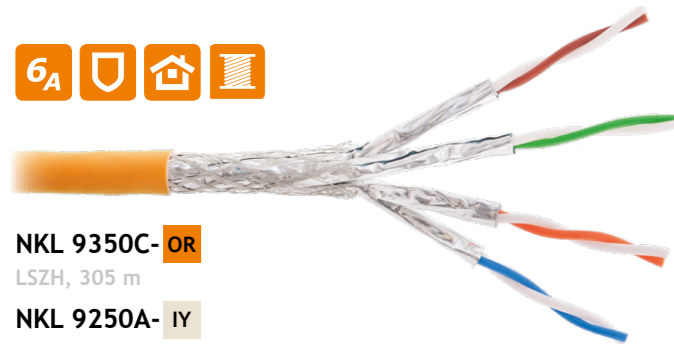
# NIKOLAN 9<sup>th</sup> series cables



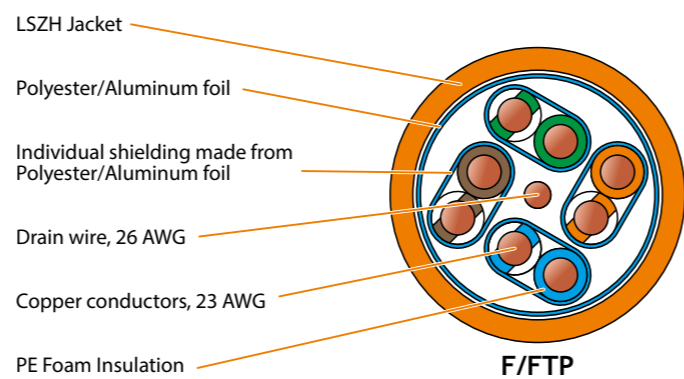
**NKL 9385C- YL**  
LSZH, 500 m



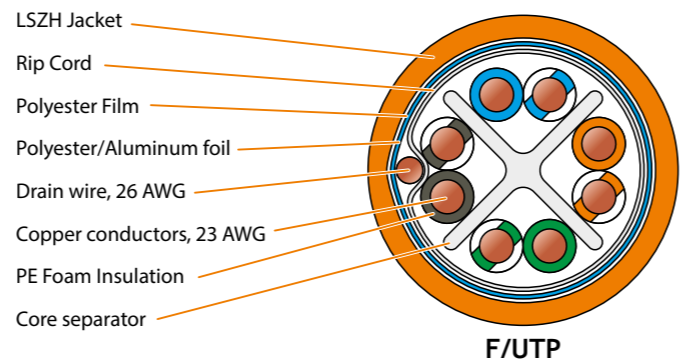
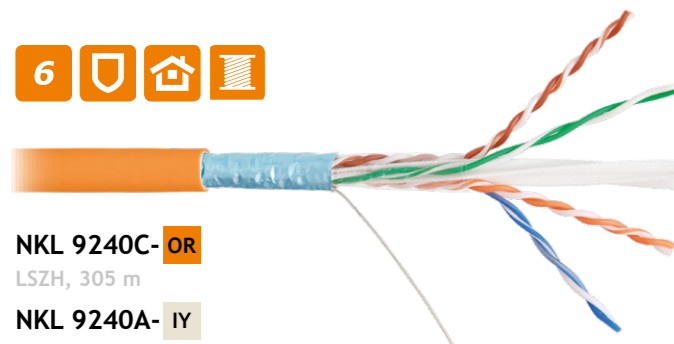
**NKL 9350C- OR**  
LSZH, 305 m



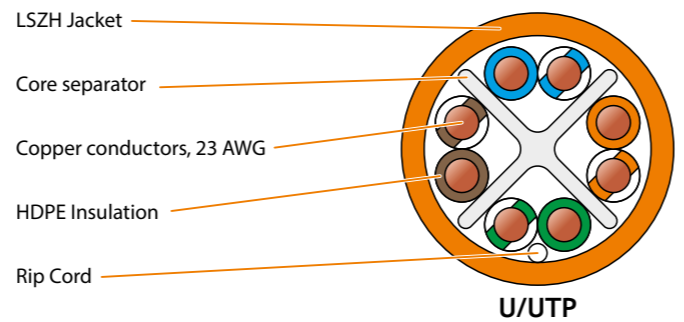
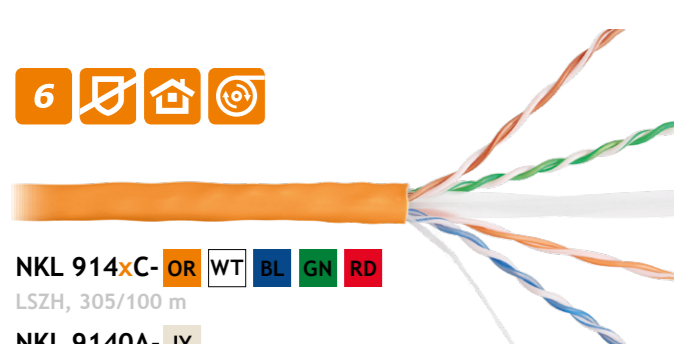
**NKL 9340C- OR**  
LSZH, 305 m



**NKL 9240C- OR**  
LSZH, 305 m



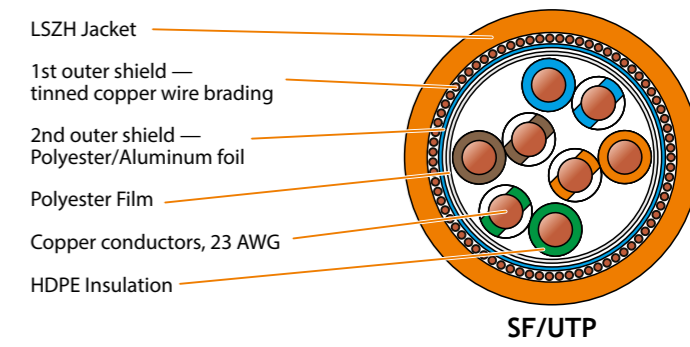
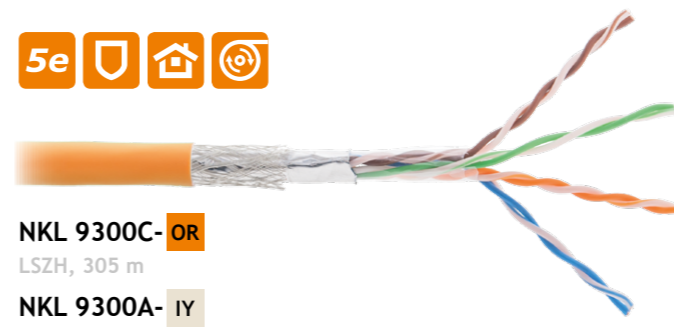
**NKL 914xC- OR** WT BL GN RD  
LSZH, 305/100 m



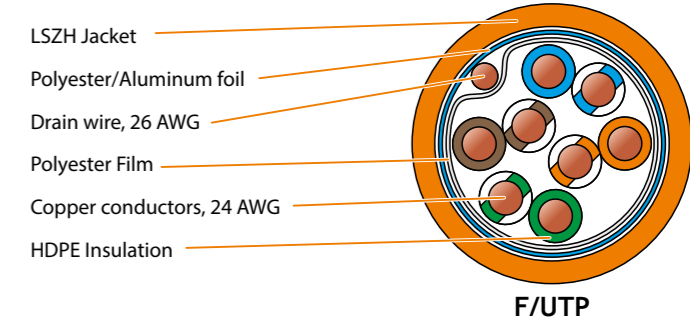
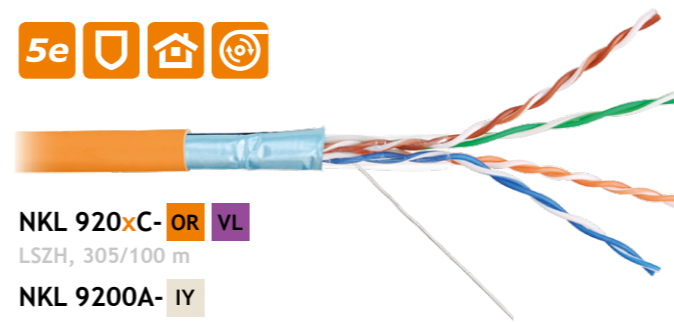
**NKL 9140A- IY**  
PVC, 305 m



**NKL 9300C- OR**  
LSZH, 305 m



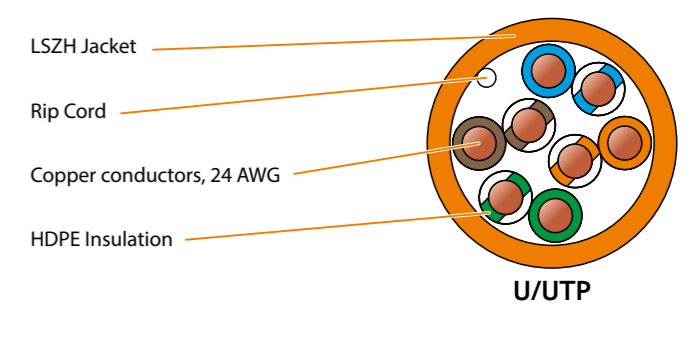
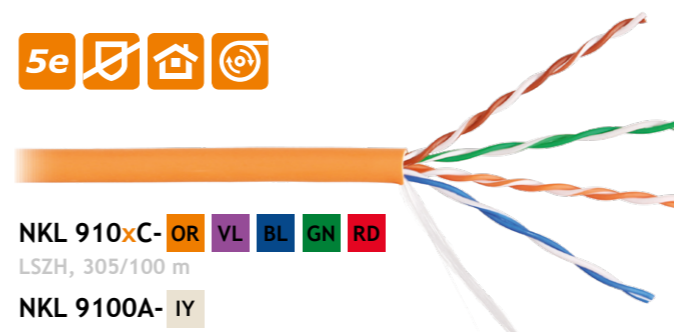
**NKL 920xC- OR VL**  
LSZH, 305/100 m



**NKL 9200A- IY**  
PVC, 305 m



**NKL 910xC- OR VL BL GN RD**  
LSZH, 305/100 m



**NKL 9100A- IY**  
PVC, 305 m

Part number	Pairs	Cat.	Bandwidth, MHz	Type	Conductors			Outer Jacket				Length, m	Package type
					AWG	Diameter, mm	Insulation, mm	Material	CPR Class*	OD, mm	Color*		
NKL 9385C-OR	4	8.1	2000	S/FTP	22	0.63	1.65	LSZH	Dca-s1,d2,a1	8.4	Yellow	500	Drum
NKL 9350C-OR	4	6 <sub>A</sub>	500	S/FTP	23	0.585 ± 0.01	1.45 ± 0.05	LSZH	Dca-s1,d2,a1	7.4 ± 0.3	Orange	305**	Drum
NKL 9351C-OR	4	6 <sub>A</sub>	500	S/FTP	23	0.585 ± 0.01	1.45 ± 0.05	LSZH	Dca-s1,d2,a1	7.4 ± 0.3	Orange	100	Pull-out box
NKL 9340C-OR	4	6	250	F/FTP	23	0.570 ± 0.01	1.38 ± 0.05	LSZH	Dca-s1,d1,a1	7.0 ± 0.3	Orange	305**	Drum
NKL 9341C-OR	4	6	250	F/FTP	23	0.570 ± 0.01	1.38 ± 0.05	LSZH	Dca-s1,d1,a1	7.0 ± 0.3	Orange	100	Pull-out box
NKL 9240C-OR	4	6	250	F/UTP	23	0.570 ± 0.01	1.10 ± 0.05	LSZH	Dca	7.4 ± 0.3	Orange	305	Drum
NKL 9140C-ZZ	4	6	250	U/UTP	23	0.570 ± 0.01	1.02 ± 0.05	LSZH	Dca-s2,d2,a1	6.0 ± 0.3	Orange	305**	Reel-In-Box
NKL 9141C-OR	4	6	250	U/UTP	23	0.570 ± 0.01	1.02 ± 0.05	LSZH	Dca-s2,d2,a1	6.0 ± 0.3	Orange	100	Pull-out box
NKL 9140A-IY	4	6	250	U/UTP	23	0.570 ± 0.01	1.02 ± 0.05	PVC	Eca	6.0 ± 0.3	Ivory	305	Reel-In-Box
NKL 9300C-OR	4	5e	100	SF/UTP	24	0.511 ± 0.01	1.02 ± 0.05	LSZH	Dca	6.4 ± 0.3	Orange	305	Reel-In-Box
NKL 9200C-ZZ	4	5e	100	F/UTP	24	0.511 ± 0.01	1.02 ± 0.05	LSZH	Dca-s1,d1,a1	6.2 ± 0.3	Orange	305**	Reel-In-Box
NKL 9201C-OR	4	5e	100	F/UTP	24	0.511 ± 0.01	1.02 ± 0.05	LSZH	Dca-s1,d1,a1	6.2 ± 0.3	Orange	100	Pull-out box
NKL 9100C-ZZ	4	5e	100	U/UTP	24	0.511 ± 0.01	0.90 ± 0.05	LSZH	Dca-s1,d2,a1	5.2 ± 0.3	Orange	305**	Reel-In-Box
NKL 9101C-OR	4	5e	100	U/UTP	24	0.511 ± 0.01	0.90 ± 0.05	LSZH	Dca-s1,d2,a1	5.2 ± 0.3	Orange	100	Pull-out box
NKL 9100A-IY	4	5e	100	U/UTP	24	0.511 ± 0.01	0.90 ± 0.05	PVC	Eca	5.2 ± 0.3	Ivory	305	Reel-In-Box

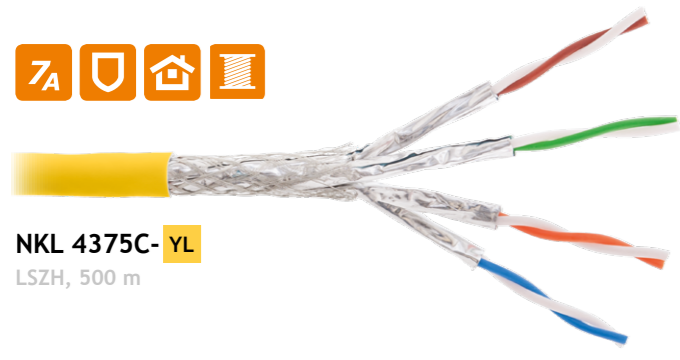
**Warranty:** Component – 15 years. System – 25 years as part of a certified NIKOMAX SCS

\* **Default colors assigned in tables.** You may choose one of the standard colors listed next to the pictures and replace "ZZ" with the needed index. Other jacket colors are available upon request. Please check for order conditions and delivery time with your sales manager.

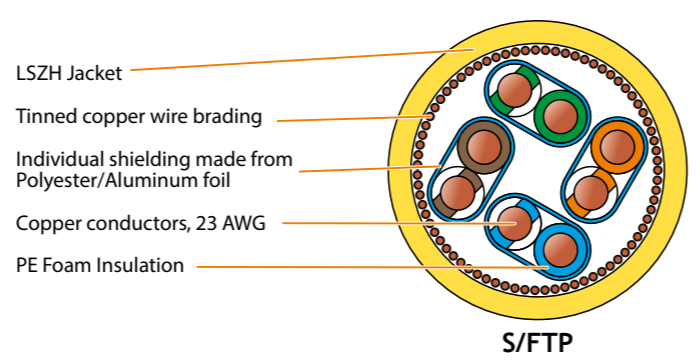
\*\* **Marked cables are also available in 100 meter package.** Supplied in small carton box with plastic handle. 100 meter box part number differ with a last number in the code: '1' instead of '0'. For example: NKL 9140C-OR => NKL 9141C-OR.

# NIKOLAN 4<sup>th</sup> series cables

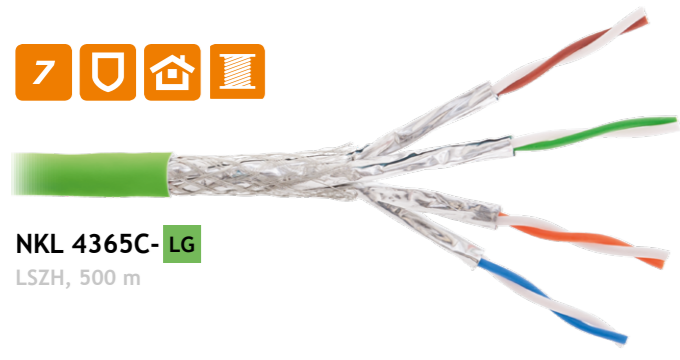
**7A** **U** **H** **I**



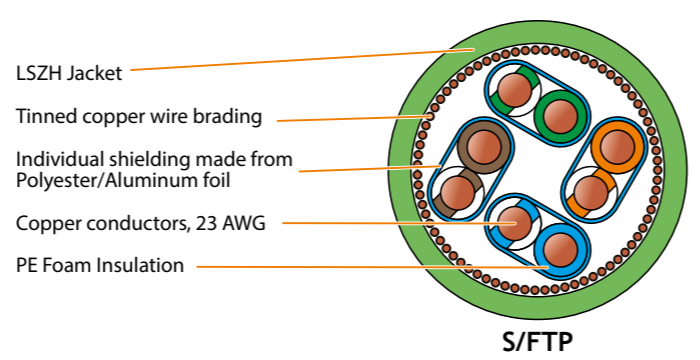
**NKL 4375C- YL**  
LSZH, 500 m



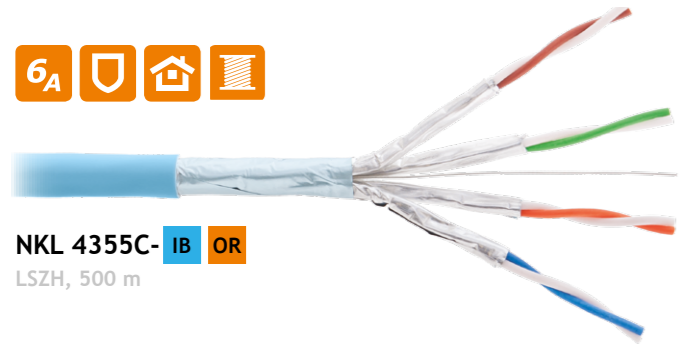
**7** **U** **H** **I**



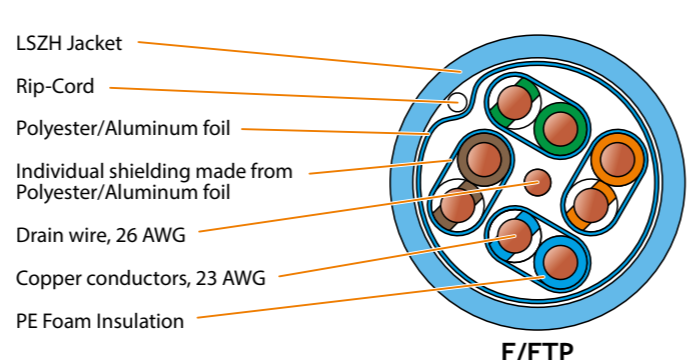
**NKL 4365C- LG**  
LSZH, 500 m



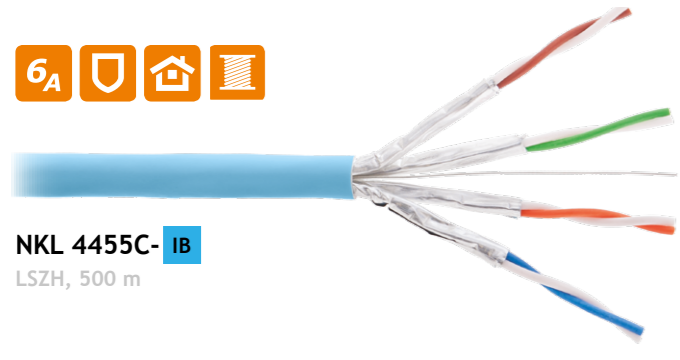
**6A** **U** **H** **I**



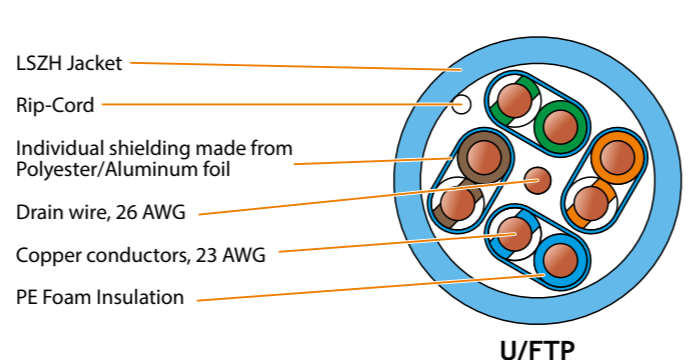
**NKL 4355C- IB OR**  
LSZH, 500 m



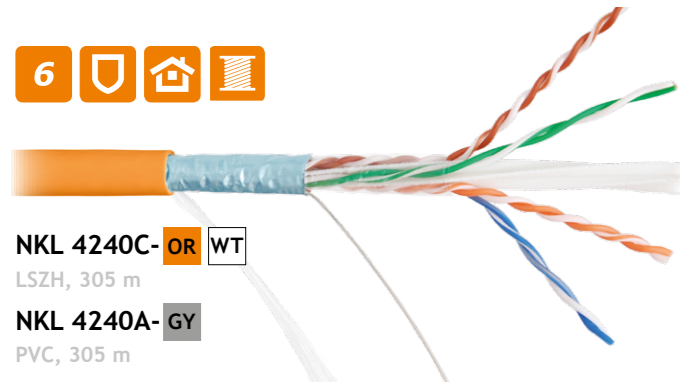
**6A** **U** **H** **I**



**NKL 4455C- IB**  
LSZH, 500 m

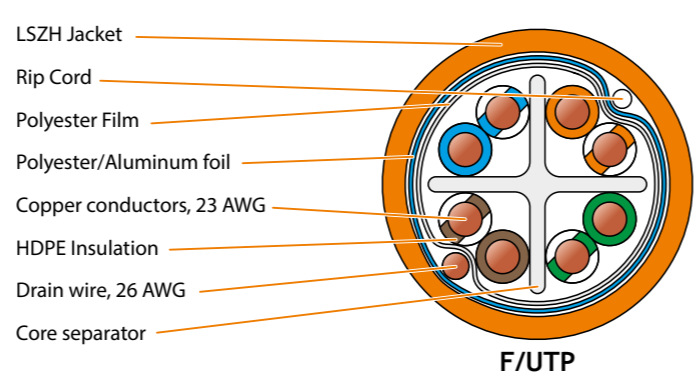


**6** **U** **H** **I**



**NKL 4240C- OR WT**  
LSZH, 305 m

**NKL 4240A- GY**  
PVC, 305 m

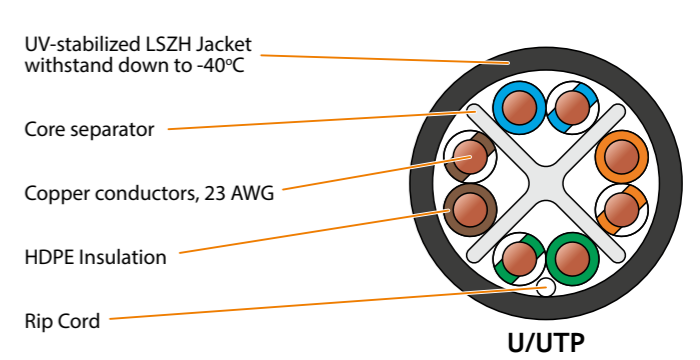


**6** **U** **H** **I** **\***



**NKL 414xC- BK** **NKL 414xA- GY**  
UV-LSZH -40°C, 305 m PVC, 305/100 m

**NKL 414xC- OR WT BL GN RD**  
LSZH, 305/100 m

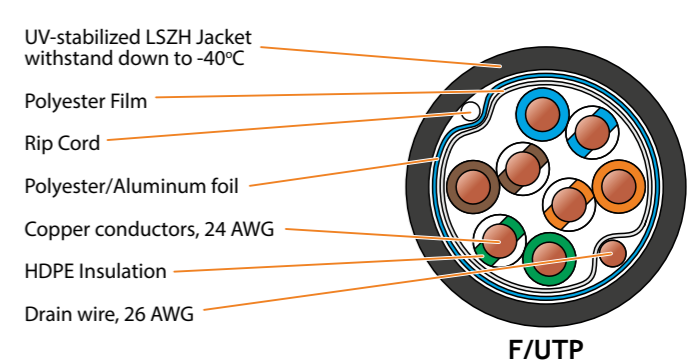


**5e** **U** **H** **I** **\***

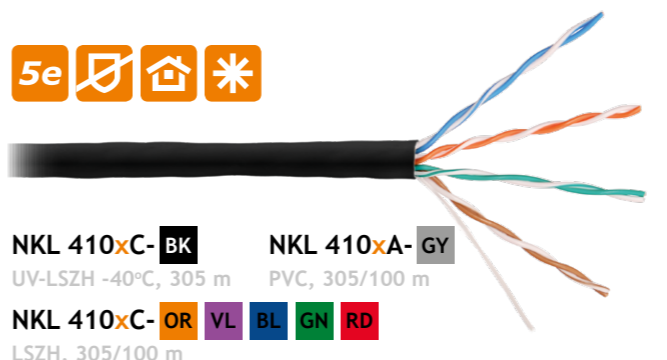


**NKL 420xC- BK** **NKL 420xA- GY**  
UV-LSZH -40°C, 305 m PVC, 305/100 m

**NKL 420xC- OR VL**  
LSZH, 305/100 m

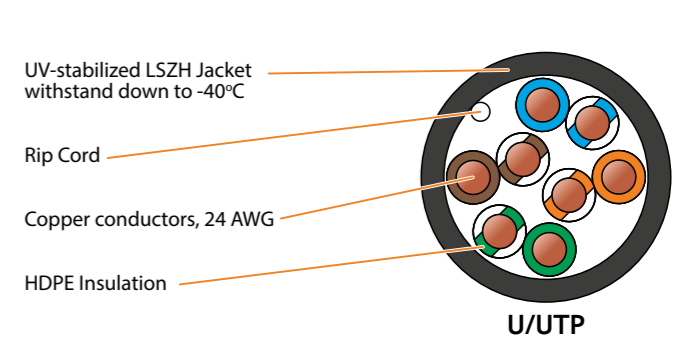


**5e** **U** **H** **I** **\***



**NKL 410xC- BK** **NKL 410xA- GY**  
UV-LSZH -40°C, 305 m PVC, 305/100 m

**NKL 410xC- OR VL BL GN RD**  
LSZH, 305/100 m



Part number	Pairs	Cat.	Band., MHz	Type	Conductors			Outer Jacket				Length, m	Package type
					AWG	Diameter, mm	Insulation, mm	Material	CPR Class	OD, mm	Color*		
NKL 4375C-ZZ	4	7 <sub>A</sub>	1000	S/FTP	23	0.58 ± 0.01	1.35 ± 0.05	LSZH	Dca-s2,d2,a1	7.8 ± 0.3	Yellow	500	Drum
NKL 4365C-ZZ	4	7	600	S/FTP	23	0.56 ± 0.01	1.33 ± 0.05	LSZH	Dca-s2,d2,a1	7.5 ± 0.3	Light Green	500	Drum
NKL 4355C-ZZ	4	6 <sub>A</sub>	500	F/FTP	23	0.56 ± 0.01	1.33 ± 0.05	LSZH	Dca-s2,d2,a1	7.0 ± 0.3	Ice Blue	500	Drum
NKL 4455C-ZZ	4	6 <sub>A</sub>	500	U/FTP	23	0.56 ± 0.01	1.33 ± 0.05	LSZH	Dca-s2,d2,a1	7.3 ± 0.3	Ice Blue	500	Drum
NKL 4240C-ZZ	4	6	250	F/UTP	23	0.57 ± 0.01	1.08 ± 0.05	LSZH	Dca-s2,d2,a1	7.4 ± 0.3	Orange	305**	Drum
NKL 4240A-GY	4	6	250	F/UTP	23	0.57 ± 0.01	1.08 ± 0.05	PVC	Eca	7.4 ± 0.3	Grey	305	Drum
NKL 4140C-BK	4	6	250	U/UTP	23	0.55 ± 0.01	1.01 ± 0.05	UV-LSZH -40°C	Dca-s2,d2,a1	6.3 ± 0.3	Orange	305	Pull-out box
NKL 4140C-ZZ	4	6	250	U/UTP	23	0.55 ± 0.01	1.01 ± 0.05	LSZH	Dca-s2,d2,a1	6.3 ± 0.3	Orange	305**	Pull-out box
NKL 4140A-GY	4	6	250	U/UTP	23	0.55 ± 0.01	1.01 ± 0.05	PVC	Eca	6.3 ± 0.3	Grey	305	Pull-out box
NKL 4200C-BK	4	5e	100	F/UTP	24	0.50 ± 0.01	1.00 ± 0.05	UV-LSZH -40°C	Dca-s2,d2,a1	6.2 ± 0.3	Orange	305	Pull-out box
NKL 4200C-ZZ	4	5e	100	F/UTP	24	0.50 ± 0.01	1.00 ± 0.05	LSZH	Dca-s2,d2,a1	6.2 ± 0.3	Orange	305**	Pull-out box
NKL 4200A-GY	4	5e	100	F/UTP	24	0.50 ± 0.01	1.00 ± 0.05	PVC	Eca	6.2 ± 0.3	Grey	305	Pull-out box
NKL 4100C-BK	4	5e	100	U/UTP	24	0.50 ± 0.01	0.90 ± 0.05	UV-LSZH -40°C	Dca-s2,d2,a1	5.1 ± 0.3	Orange	305	Pull-out box
NKL 4100C-ZZ	4	5e	100	U/UTP	24	0.50 ± 0.01	0.90 ± 0.05	LSZH	Dca-s2,d2,a1	5.1 ± 0.3	Orange	305**	Pull-out box
NKL 4100A-GY	4	5e	100	U/UTP	24	0.50 ± 0.01	0.90 ± 0.05	PVC	Eca	5.1 ± 0.3	Grey	305**	Pull-out box

**Warranty:** Component – 5 years. System – 15 years as part of a certified NIKOMAX SCS




\* **Default colors assigned in tables.** You may choose one of the standard colors listed next to the pictures and replace "ZZ" with the needed index. Other jacket colors are available upon request. Please check for order conditions and delivery time with your sales manager.

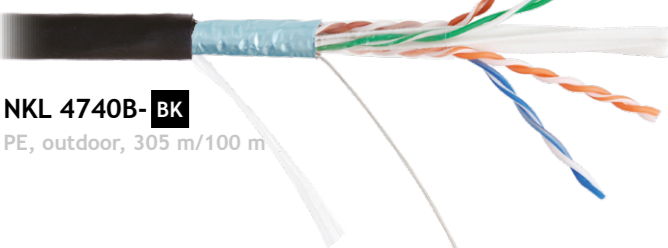
\*\* **Marked cables are also available in 100 meter package.** Supplied in small carton box with plastic handle. 100 meter box part number differ with a last number in the code: '1' instead of '0'. For example: NKL 4140C-OR => NKL 4141C-OR.

Copper cables  
Copper components  
Optical fiber cables  
Optical fiber components  
Optical fiber cables  
Optical fiber components  
Cable management  
Cable management  
Tools and testers  
Tools and testers

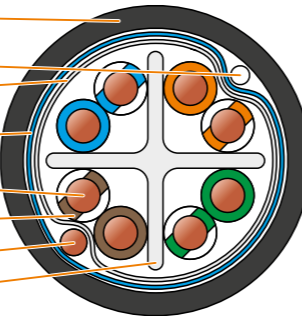
Copper cables  
Copper components  
Optical fiber cables  
Optical fiber components  
Optical fiber cables  
Optical fiber components  
Cable management  
Cable management  
Tools and testers  
Tools and testers

## NIKOLAN 4<sup>th</sup> series outdoor cables

**6**   







**NKL 4740B-BK**  
PE, outdoor, 305 m/100 m



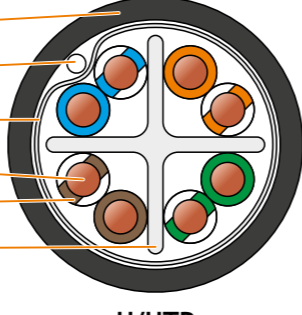
PE Jacket  
Rip Cord  
Polyester Film  
Polyester/Aluminum foil  
Copper conductors, 23 AWG  
HDPE Insulation  
Drain wire, 26 AWG  
Core separator

**F/UTP**

**6**   





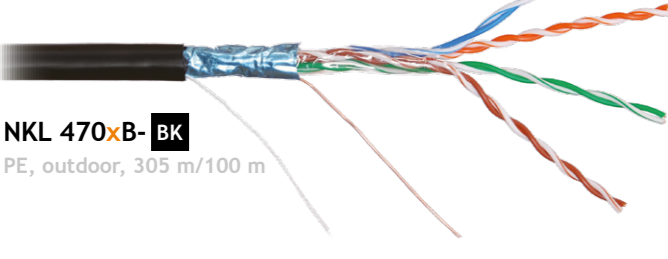
**NKL 464xB-BK**  
PE, outdoor, 305 m/100 m



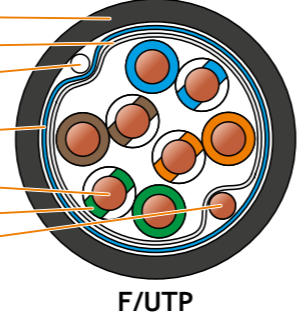
PE Jacket  
Rip Cord  
Polyester Film  
Copper conductors, 23 AWG  
HDPE Insulation  
Core separator

**U/UTP**

**5e**  





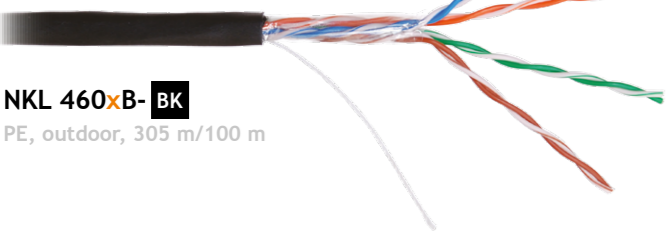
**NKL 470xB-BK**  
PE, outdoor, 305 m/100 m



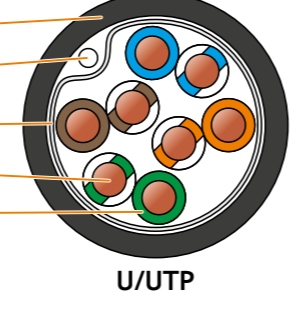
PE Jacket  
Rip Cord  
Polyester Film  
Polyester/Aluminum foil  
Copper conductors, 24 AWG  
HDPE Insulation  
Drain wire, 26 AWG

**F/UTP**

**5e**  



**NKL 460xB-BK**  
PE, outdoor, 305 m/100 m





PE Jacket  
Rip Cord  
Polyester Film  
Copper conductors, 24 AWG  
HDPE Insulation

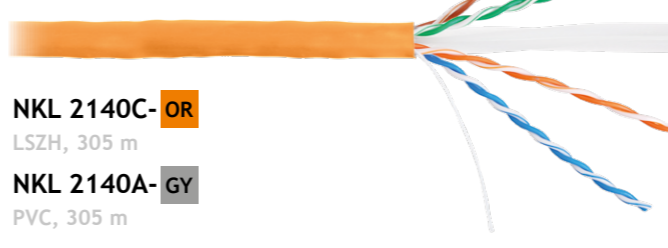
**U/UTP**

Part number	Pairs	Cat.	Bandwidth, MHz	Type	Conductors			Outer Jacket				Length, m	Package type
					AWG	Diameter, mm	Insulation, mm	Material	CPR Class	OD, mm	Color*		
NKL 4740B-BK	4	6	250	F/UTP	23	0.57 ± 0.01	1.09 ± 0.05	PE -60°C	-	7.4 ± 0.3	Black	305	Drum
NKL 4741B-BK	4	6	250	F/UTP	23	0.57 ± 0.01	1.09 ± 0.05	PE -60°C	-	7.4 ± 0.3	Black	100	Pull-out box
NKL 4640B-BK	4	6	250	U/UTP	23	0.57 ± 0.01	1.01 ± 0.05	PE -60°C	-	6.3 ± 0.3	Black	305	Drum
NKL 4641B-BK	4	6	250	U/UTP	23	0.57 ± 0.01	1.01 ± 0.05	PE -60°C	-	6.3 ± 0.3	Black	100	Pull-out box
NKL 4700B-BK	4	5e	100	F/UTP	24	0.50 ± 0.01	1.00 ± 0.05	PE -60°C	-	6.2 ± 0.3	Black	305	Pull-out box
NKL 4701B-BK	4	5e	100	F/UTP	24	0.50 ± 0.01	1.00 ± 0.05	PE -60°C	-	6.2 ± 0.3	Black	100	Pull-out box
NKL 4600B-BK	4	5e	100	U/UTP	24	0.50 ± 0.01	0.89 ± 0.05	PE -60°C	-	5.3 ± 0.3	Black	305	Pull-out box
NKL 4601B-BK	4	5e	100	U/UTP	24	0.50 ± 0.01	0.89 ± 0.05	PE -60°C	-	5.3 ± 0.3	Black	100	Pull-out box

Warranty: 1 year

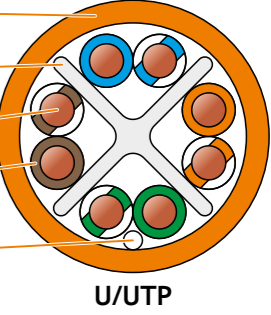
## NIKOLAN 2<sup>nd</sup> series cables

**6**  





**NKL 2140C-OR**  
LSZH, 305 m

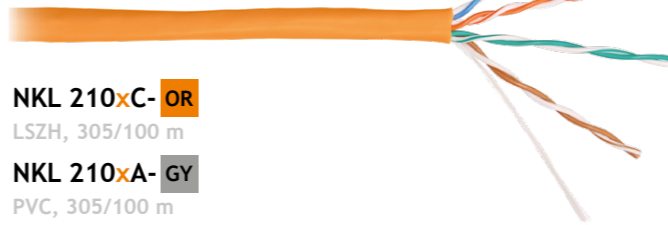
**NKL 2140A-GY**  
PVC, 305 m



LSZH Jacket  
Core separator  
Copper conductors, 24 AWG  
HDPE Insulation  
Rip Cord

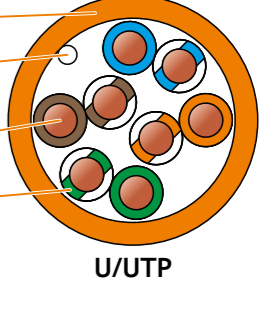
**U/UTP**

**5e**  



**NKL 210xC-OR**  
LSZH, 305/100 m

**NKL 210xA-GY**  
PVC, 305/100 m



LSZH Jacket  
Rip Cord  
Copper conductors, 24 AWG  
HDPE Insulation

**U/UTP**

Part number	Pairs	Cat.	Bandwidth, MHz	Type	Conductors			Outer Jacket				Length, m	Package type
					AWG	Diameter, mm	Insulation, mm	Material	CPR Class	OD, mm	Color*		
NKL 2140C-OR	4	6	250	U/UTP	24	0.53 ± 0.01	0.95 ± 0.05	LSZH	Dca-s2,d2,a1	6.1 ± 0.3	Orange	305	Pull-out box
NKL 2140A-GY	4	6	250	U/UTP	24	0.53 ± 0.01	0.95 ± 0.05	PVC	Eca	6.1 ± 0.3	Grey	305	Pull-out box
NKL 2100C-OR	4	5e	100	U/UTP	24	0.49 ± 0.01	0.88 ± 0.05	LSZH	Dca-s2,d2,a1	5.0 ± 0.3	Orange	305	Pull-out box
NKL 2101C-OR	4	5e	100	U/UTP	24	0.49 ± 0.01	0.88 ± 0.05	LSZH	Dca-s2,d2,a1	5.0 ± 0.3	Orange	100	Pull-out box
NKL 2100A-GY	4	5e	100	U/UTP	24	0.49 ± 0.01	0.88 ± 0.05	PVC	Eca	5.0 ± 0.3	Grey	305	Pull-out box
NKL 2101A-GY	4	5e	100	U/UTP	24	0.49 ± 0.01	0.88 ± 0.05	PVC	Eca	5.0 ± 0.3	Grey	100	Pull-out box

Warranty: 1 year

## Copper cable packaging

Each series of NIKOLAN cables is packed in its own unique way (heavier cables are being supplied on wooden drums)



### 9<sup>th</sup> series cables

Reel in box package, packed by two in transport carton.

- Best possible cable protection;
- Easy to unreel from rotating drum;
- No kinks formation;
- No performance losses.



### 4<sup>th</sup> series cables

Easy pull-out box with enlarged pulling hole, packed by two in transport carton.

- Good protection during transportation;
- Easy to unreel, high pulling speed;
- No kinks formation thanks to enlarged hole.



### 2<sup>nd</sup> series cables

Easy pull-out box, standard pulling hole, packed by two in transport carton.

- Good protection during transportation;
- Compact size;
- Lower pulling speed compare to 4<sup>th</sup> series.

# Connection Monitoring System

NIKOMAX Connection Monitoring System is a new solution that simplifies the administration of the cabling system.

## Why do I need connection monitoring system?

Cable administration of a big network can be the real pain in the neck. It requires strict adherence to all rules, accurate and clear logging in cable journal. In real practice it is often impossible.

What if there are several network administrators? What if one of them is quite careless? What if 'the only guy who knows everything' is ill or left for another company? How should a new worker clean up all this mess?

## Connection monitoring system allows:

- To create a virtual cable journal of all connections and remotely control the whole network status;
- If a rearrangement is required, administrator can remotely set up a sequence of actions;
- On site the system will help to determine necessary ports by illuminating them in a defined order, thus, speeding up the whole process;
- Any change made to the current configuration is monitored; unauthorized actions will be reported by a pop-up warning;
- The whole progress will be automatically logged up.

## How does it work?

The heart of the system is snap-in patch-panel of special design. Each port of the LED panels is equipped with a contact that determines the presence of a physical connection of patch cord in this socket. Such construction allows the use of standard four-pair RJ45-RJ45 patch cords.

All panels within one cabinet should be connected with each other sequentially by a separate connection cords. Each panel is equipped with a special controller unit that collects and transmits information about connected ports in chain order to the first controller.

Controllers are divided into two types: Master or MCU (red) and Slave or SCU (yellow). One Master controller supports up to 19 panels with Slave controllers and should be installed first in a rack.

Each Master controller is equipped with a LAN port and connects to Switch using a regular RJ45-RJ45 patch cord. Every MCU has its own IP address. So through this unit all panels are being connected to the network inside a single Cabinet with its own network address. This makes each Cabinet or Rack a separate independent unit and allows you not to make any additional connections between racks. Thus, with one monitoring system LAN management covers buildings of any size.

As soon as the system administrator connects to the network via Wi-Fi or wired connection, he gets all the relevant information about the status of all connections and can manage the system without leaving his workplace. For example, you can specify a range of ports for rearrangement. On location, the server administrator will not need to bother with cable journals and search for the required ports. All necessary ports will be highlighted for switching.

## Software

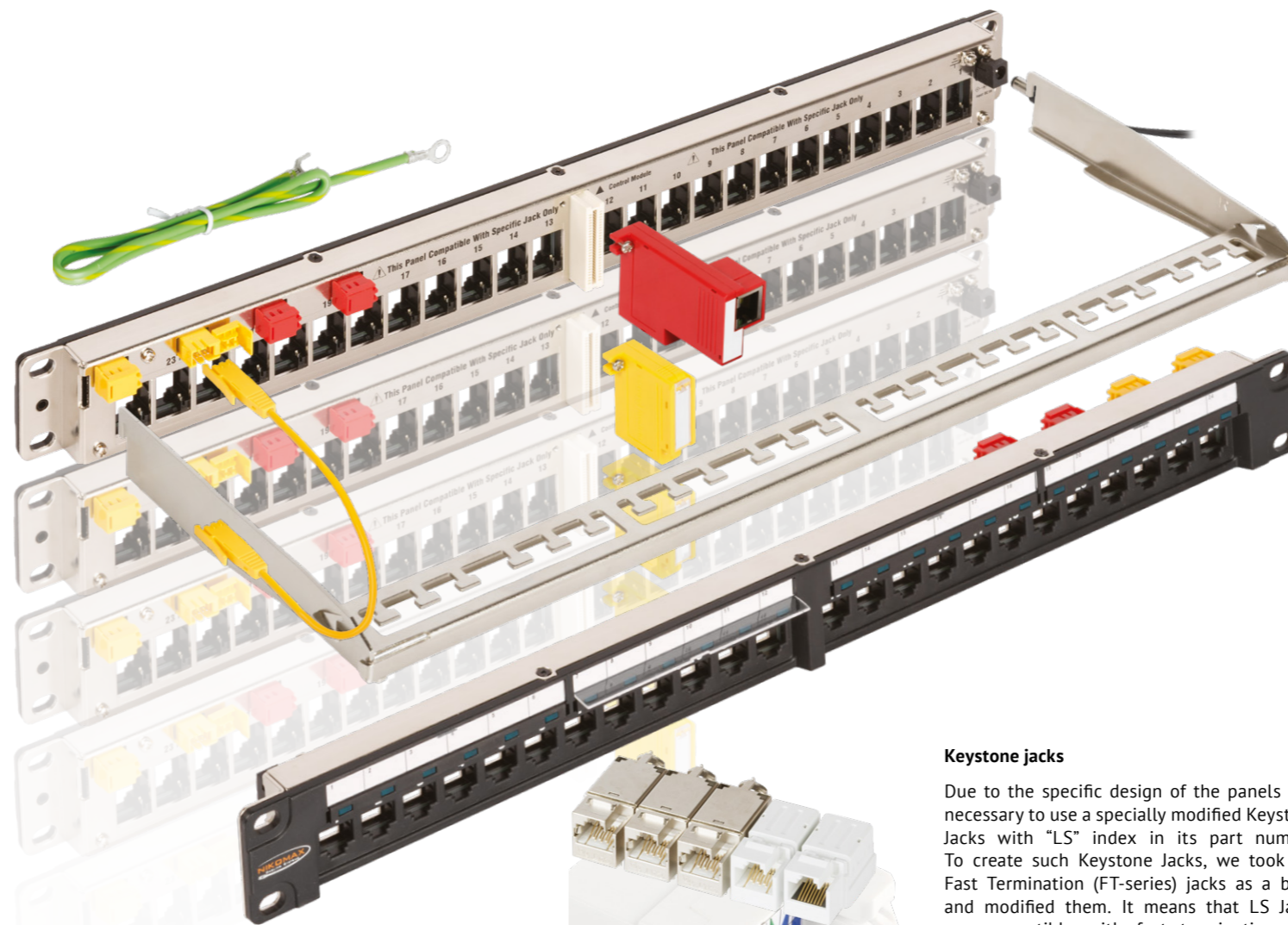
NIKOMAX Connection Monitoring System comes with a detailed installation and operation manual. Software is written on the JAVA platform, packed with a distribution kit. Separate JAVA installation is not required.

## Channel scheme

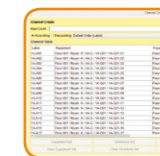
In order to operate the Monitoring System, one should make up the link based on cross-connection principle. In other words all ports should be doubled. The need for duplication is caused by the principle of the system operation: to register changes, channel switching should take place exclusively between two LED panels, the first one is connected to telecommunication outlet near work area and the second one is connected to switch. Thus, the cable infrastructure is divided into two groups: "Subsystem of Workplaces" and "Subsystem of Active Equipment", and each of them is assigned to its own LED-panel.

## Key advantages:

- Remote management via Web interface;
- Simple and intuitive software;
- AutoCAD database import;
- The use of standard patch cords for switching ports, easy maintenance of the system;
- Modular design based on snap-in patch panels;
- Keystone jacks are available in shielded and unshielded versions, categories 5e, 6 and 6A;
- Fast termination with **NMC-FT-TOOL**.
- Affordable price.



Patch panel ports equipped with contacts that record connection or disconnection of patch cords



Supplied software allows to make a cable journal with all connections and keeps a permanent record of changes made to the system



If necessary to connect or disconnect a patch cord, the required ports will be illuminated by bright LED lights



Additional areas with convenient hinged windows allow all the necessary information to be placed



Shielded design. The panel made of a nickel-plated steel



Convenient detachable cable manager with increased length in set

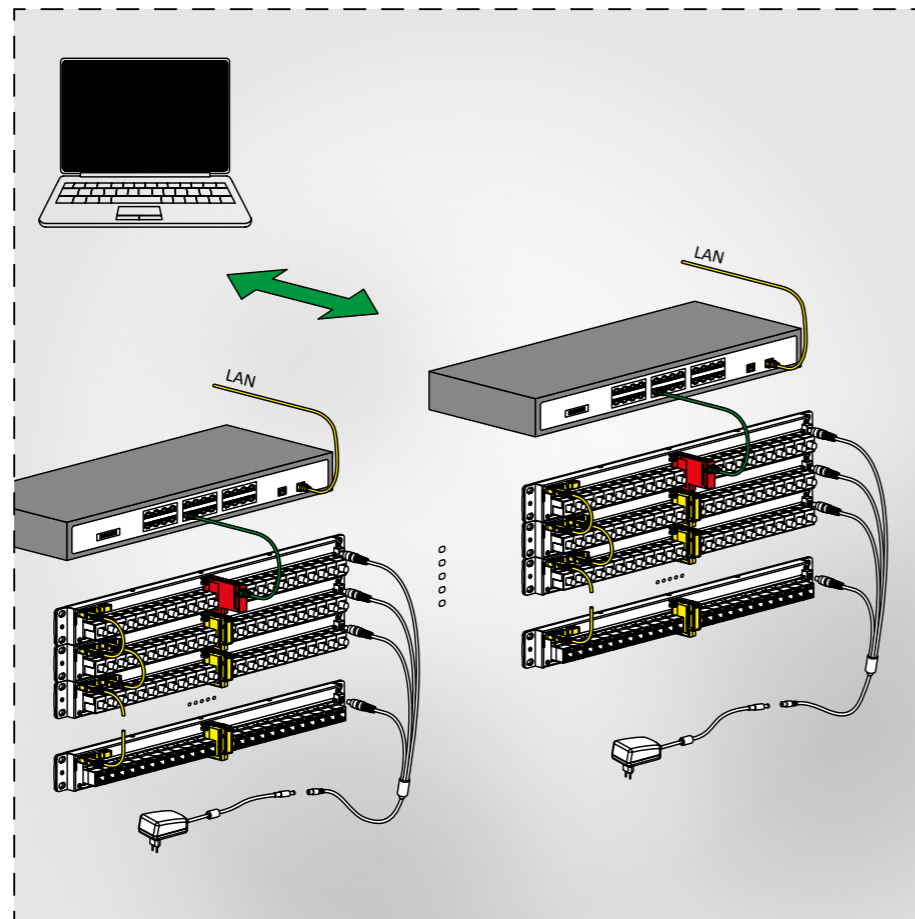
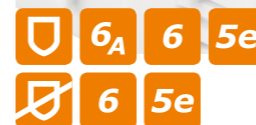


Unique jacks design for use with a fast termination device – NMC-FT-TOOL. Easy to use, multiple time savings

## Keystone jacks

Due to the specific design of the panels it is necessary to use a specially modified Keystone Jacks with "LS" index in its part number. To create such Keystone Jacks, we took the Fast Termination (FT-series) jacks as a basis and modified them. It means that LS Jacks are compatible with fast termination tool **NMC-FT-TOOL** and available in all the same types as FT Jacks.

Connection to active equipment should be made with pass-through modules. These jacks have RJ45/8P8C ports on each side and can connect two patch cords together.



Part Number	Description	Cat.	Ports type	Design	Dimensions, mm	IDC wire gauge, AWG	IDC type (termination)	Package
NMC-KJSA2-LS-MT	Keystone Jack	6 <sub>A</sub>	RJ45/8P8C	Unshielded	17x19x40	~24-22 AWG	FT-TOOL/110/KRONE	PE Bag
NMC-KJSE2-LS-MT	Keystone Jack	6	RJ45/8P8C	Shielded	17x19x40	~24-22 AWG	FT-TOOL/110/KRONE	PE Bag
NMC-KJUE2-LS-WT	Keystone Jack	6	RJ45/8P8C	Unshielded	17x19x32	~24-22 AWG	FT-TOOL/110/KRONE	PE Bag
NMC-KJSD2-LS-MT	Keystone Jack	5e	RJ45/8P8C	Shielded	17x19x40	~24-22 AWG	FT-TOOL/110/KRONE	PE Bag
NMC-KJUD2-LS-WT	Keystone Jack	5e	RJ45/8P8C	Unshielded	17x19x32	~24-22 AWG	FT-TOOL/110/KRONE	PE Bag
NMC-KJSA55C-LS-MT	Keystone Jack	6 <sub>A</sub>	RJ45/8P8C	Shielded	17x19x40	-	-	PE Bag
NMC-KJSE55C-LS-MT	KJ Coupler RJ45-RJ45	6	RJ45/8P8C	Shielded	17x19x40	-	-	PE Bag
NMC-KJUE55C-LS-WT	KJ Coupler RJ45-RJ45	6	RJ45/8P8C	Unshielded	17x19x40	-	-	PE Bag
NMC-KJSD55C-LS-MT	KJ Coupler RJ45-RJ45	5e	RJ45/8P8C	Shielded	17x19x40	-	-	PE Bag
NMC-KJUD55C-LS-WT	KJ Coupler RJ45-RJ45	5e	RJ45/8P8C	Unshielded	17x19x40	-	-	PE Bag

Warranty: Component – 5 years. System – up to 25 years as part of a certified NIKOMAX SCS

Part Number	Description	Package
NMC-RP24-LS-1U-MT	LED panel, Snap-in, 24 ports for LS series keystone jacks, 1U	Carton box
NMC-MCU-LAN-MA	Master controller	PE Bag
NMC-MCU-LAN-SL	Slave controller	PE Bag
NMC-PC1UD-LS-003-YL	Slave-cord, 0,3m	PE Bag
NMC-PSU-LS	Power adapter	PE Bag
NMC-PC1T17-012-BK	Power cable 1 to 17 plugs	PE Bag

Warranty: 1 year

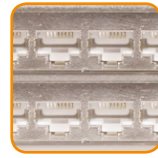
## Cassette patch panel, 1U



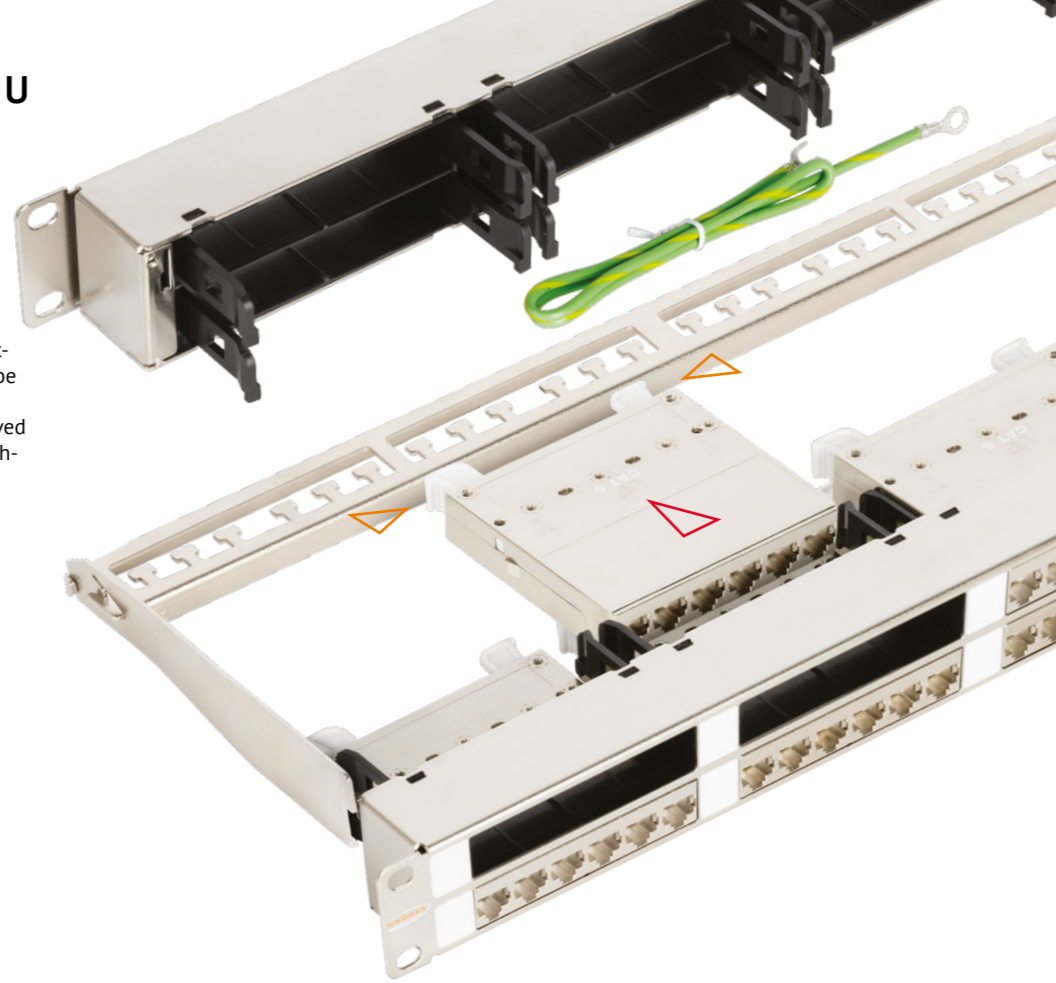
Designed for installation of copper and optical fiber cassettes



Simple and reliable mounting system: cassettes can be inserted in one move and just as easily can be removed back: just squeeze the latches and pull the cassette



High density solution: up to 48 "copper" or up to 96 fiber optic ports in one unit



### Set includes:

- Patch-panel – 1 pc.
- Cable manager – 1 pc.
- Set of marking areas – 1 pack.
- Nylon ties – 48 pcs.
- User manual – 1 pc.



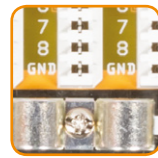
Part Number	Compatible modules	Slots for cassettes	Height	Depth in rack, mm	Package type
NMC-RP08-BLANK-CJ-1U-MT	SI Series copper & fiber optic cassettes	6	1 U	265	Carton box

Warranty: 1 year

## Copper cassette modules



50 pin gold plated spring contacts: min. 750 cycles of insertion/extraction life. Special contacts design for crosstalk reduction

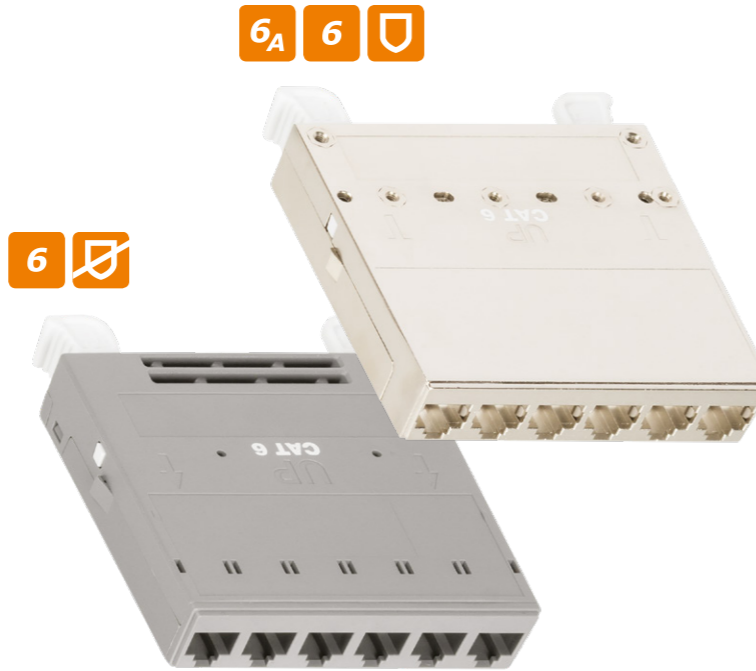


9 IDC contacts (8 contacts for conductors and 1 extra for drain wire grounding)

A common bus and screw-type clips for a better grounding



Dual IDC contacts 110/Krone  
Slots in IDC blades for holding wires before termination



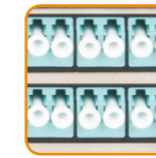
### Set includes:

- Cassette with cover – 1 pc.
- Clips (for STP) – 3 pcs.
- User manual – 1 pc.

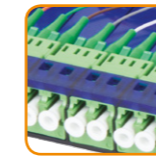
Part number	Cat.	Bandwidth, MHz	Ports	Ports type	Gold plating	Construction	Size	IDC wire gauge, AWG	IDC type (termination)	Package type
NMC-CJ06SA2-1S-MT	6 <sub>A</sub>	500	6	RJ45/8P8C	50 μinch	Shielded	1 slot	~24-22	110/KRONE	Carton box
NMC-CJ06SE2-1S-MT	6	250	6	RJ45/8P8C	50 μinch	Shielded	1 slot	~24-22	110/KRONE	Carton box
NMC-CJ06UE2-1S-GY	6	100	6	RJ45/8P8C	50 μinch	Unshielded	1 slot	~24-22	110/KRONE	Carton box

Warranty: Component – 5 years. System – up to 25 years as part of a certified NIKOMAX SCS

## Preassembled fiber optic cassette modules



Ready to use "plug and play" solution. Does not require any installation works



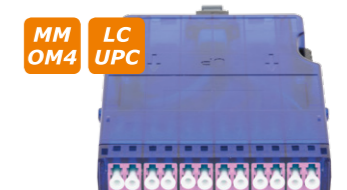
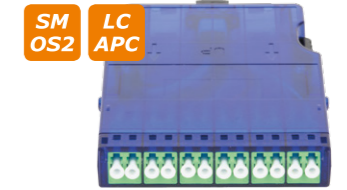
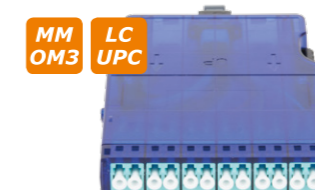
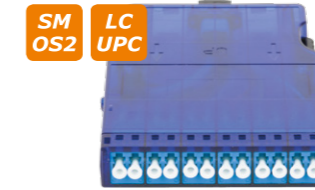
High quality fiber optic adapters. Common LC and SC types are available



Hydra fan-out cable assembly preinstalled inside the cassette makes switch from 12x single SC or LC connectors to one high-density MTP connector



Further connection between two cassettes (or other equipment) can be made with special MTP-MTP trunk cables



Part number	Ports	Size	Port type / Polish	Fibers type	Fibers class	Rear port type/ Polarity	Package type
NMF-CJ12S2PA-MTPM-LCU-1S	12	1 slot	LC / UPC	SM 9/125	OS2 & ITU-T G.652.D	MTP-Male Elite Type A	Carton box
NMF-CJ12S2PA-MTPM-LCA-1S	12	1 slot	LC / APC	SM 9/125	OS2 & ITU-T G.652.D	MTP-Male Elite Type A	Carton box
NMF-CJ12M3PA-MTPM-LCU-1S	12	1 slot	LC / UPC	MM 50/125	ISO/IEC 11801 OM3	MTP-Male Elite Type A	Carton box
NMF-CJ12M4PA-MTPM-LCU-1S	12	1 slot	LC / UPC	MM 50/125	ISO/IEC 11801 OM4	MTP-Male Elite Type A	Carton box
NMF-CJ12S2PA-MTPM-SCU-2S	12	2 slots	SC / UPC	SM 9/125	OS2 & ITU-T G.652.D	MTP-Male Elite Type A	Carton box
NMF-CJ12S2PA-MTPM-SCA-2S	12	2 slots	SC / APC	SM 9/125	OS2 & ITU-T G.652.D	MTP-Male Elite Type A	Carton box

Warranty: Component – 5 years. System – up to 25 years as part of a certified NIKOMAX SCS

## Preterminated copper cable assemblies



All presented configurations are exemplary. Any configuration is available on request.

Preterminated cable assemblies are a high-performance solution designed to accelerate data center installation. The second advantage of the solution is the factory assembly and assured testing of all connections, which allows to give a System warranty right out from the box.

The assemblies consist of 6 cables assembled in a single bundle and additionally protected with nylon braiding. Outlets are fixed with heat-shrinkable tubes.

Please specify with your local manager whether the assembly production is possible and the other terms and conditions.

Part Number	Cat.	Band., MHz	Type	Ports	Ending type		Used cable				Package
					1 <sup>st</sup> end	2 <sup>nd</sup> end	Part Number	Construction	Jacket	Length, m	
NMC-CA6SA2-435C-CJ-xxx	6 <sub>A</sub>	500	Shielded	6	CJ Cassette	CJ Cassette	NKL 4350C	S/FTP	LSZH	10, 20, 30	PE bag
NMC-CA6SA2-435C-CJ-FT-xxx	6 <sub>A</sub>	500	Shielded	6	CJ Cassette	FT Jack	NKL 4350C	S/FTP	LSZH	10, 20, 30	PE bag
NMC-CA6SA2-435C-FT-FT-xxx	6 <sub>A</sub>	500	Shielded	6	FT Jack	FT Jack	NKL 4350C	S/FTP	LSZH	10, 20, 30	PE bag
NMC-CA6SE2-424C-CJ-xxx	6	250	Shielded	6	CJ Cassette	CJ Cassette	NKL 4240C	F/FTP	LSZH	10, 20, 30	PE bag
NMC-CA6SE2-424C-CJ-FT-xxx	6	250	Shielded	6	CJ Cassette	FT Jack	NKL 4240C	F/FTP	LSZH	10, 20, 30	PE bag
NMC-CA6SE2-424C-FT-FT-xxx	6	250	Shielded	6	FT Jack	FT Jack	NKL 4240C	F/FTP	LSZH	10, 20, 30	PE bag
NMC-CA6UE2-414C-CJ-xxx	6	250	Unshield.	6	CJ Cassette	CJ Cassette	NKL 4140C	U/UTP	LSZH	10, 20, 30	PE bag
NMC-CA6UE2-414C-CJ-FT-xxx	6	250	Unshield.	6	CJ Cassette	FT Jack	NKL 4140C	U/UTP	LSZH	10, 20, 30	PE bag
NMC-CA6UE2-414C-FT-FT-xxx	6	250	Unshield.	6	FT Jack	FT Jack	NKL 4140C	U/UTP	LSZH	10, 20, 30	PE bag

Warranty: Component – 5 years. System – up to 25 years as part of a certified NIKOMAX SCS



## Snap-in patch panel – High density, 0.5U



High density solution:  
48 ports in one unit



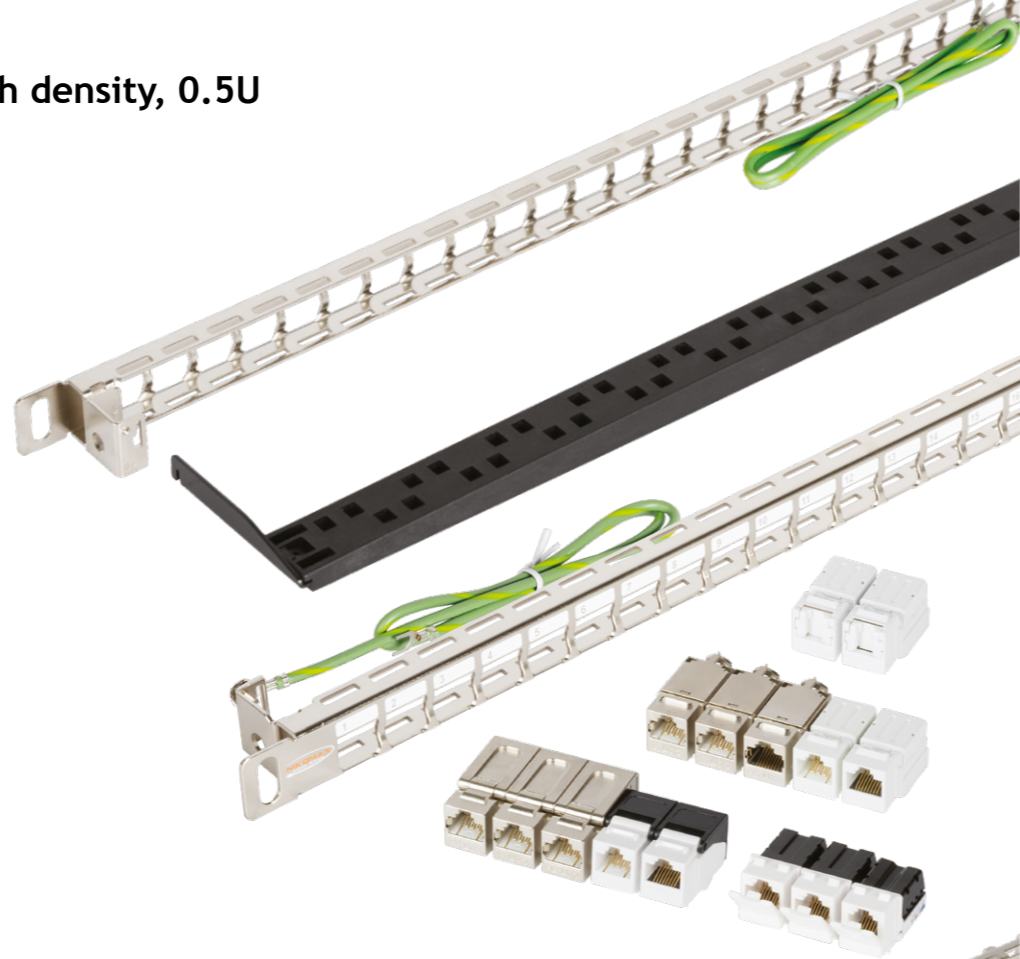
Made of nickel-plated steel.  
Compatible with standard  
Keystone Jacks with a width  
up to 17 mm, UTP and STP



Convenient detachable  
cable manager in set

### Set includes:

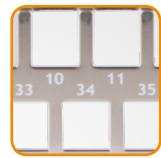
Cable manager – 1 pc.  
Nylon ties – 24 pcs.  
Grounding wire – 1 pc.  
Screw-Washer-Nut – 2 sets  
User manual – 1 pc.



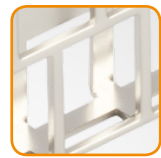
Part Number	Construction	Compatible jacks	Height	Ports	Depth in rack, mm	Material	Package
NMC-RP24-BLANK-HU-MT	Shielded	UTP/STP Jacks, max width 17 mm	0.5U	24	95	Nickel-plated steel 1.5 mm	Cart. box

Warranty: 1 year

## Snap-in patch panel – High density, 1U



High density solution:  
48 ports in one unit



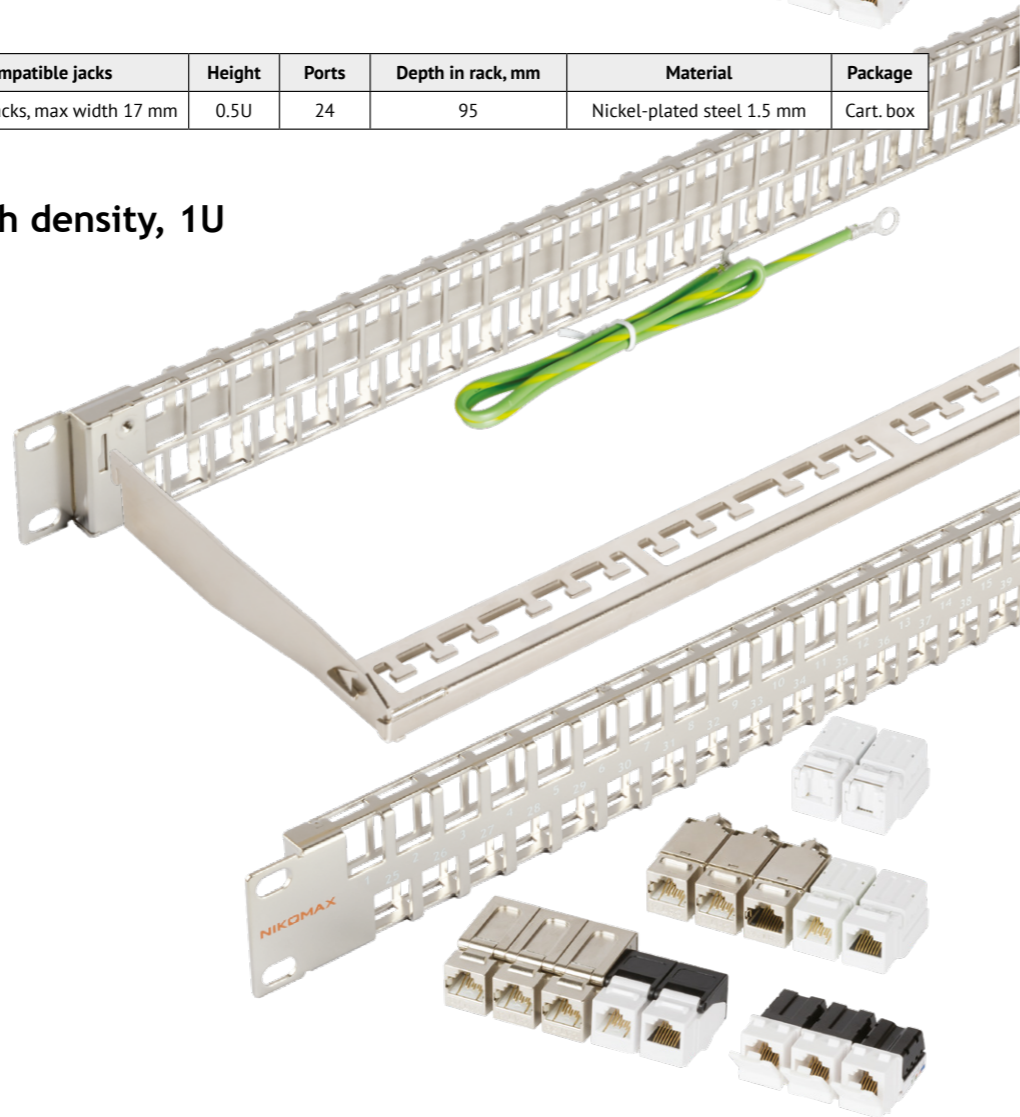
Made of nickel-plated steel.  
Compatible with standard  
Keystone Jacks with a width  
up to 17 mm, UTP and STP



Convenient detachable  
cable manager with in-  
creased length in set

### Set includes:

Cable manager – 1 pc.  
Nylon ties – 24 pcs.  
Grounding wire – 1 pc.  
Screw-Washer-Nut – 4 sets  
User manual – 1 pc.



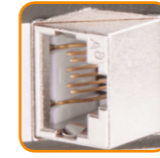
Part Number	Construction	Compatible jacks	Height	Ports	Depth in rack, mm	Material	Package
NMC-RP48-BLANK-1U-MT	Shielded	UTP/STP Jacks, max width 17 mm	1U	48	157	Nickel-plated steel 1.5 mm	Cart. box

Warranty: 1 year

## Snap-in patch panel – Angled, 1U



Convenient distribution of  
patch cords directly to the  
sides of the rack to vertical  
cable organizer. Saves a lot of  
valuable space in rack



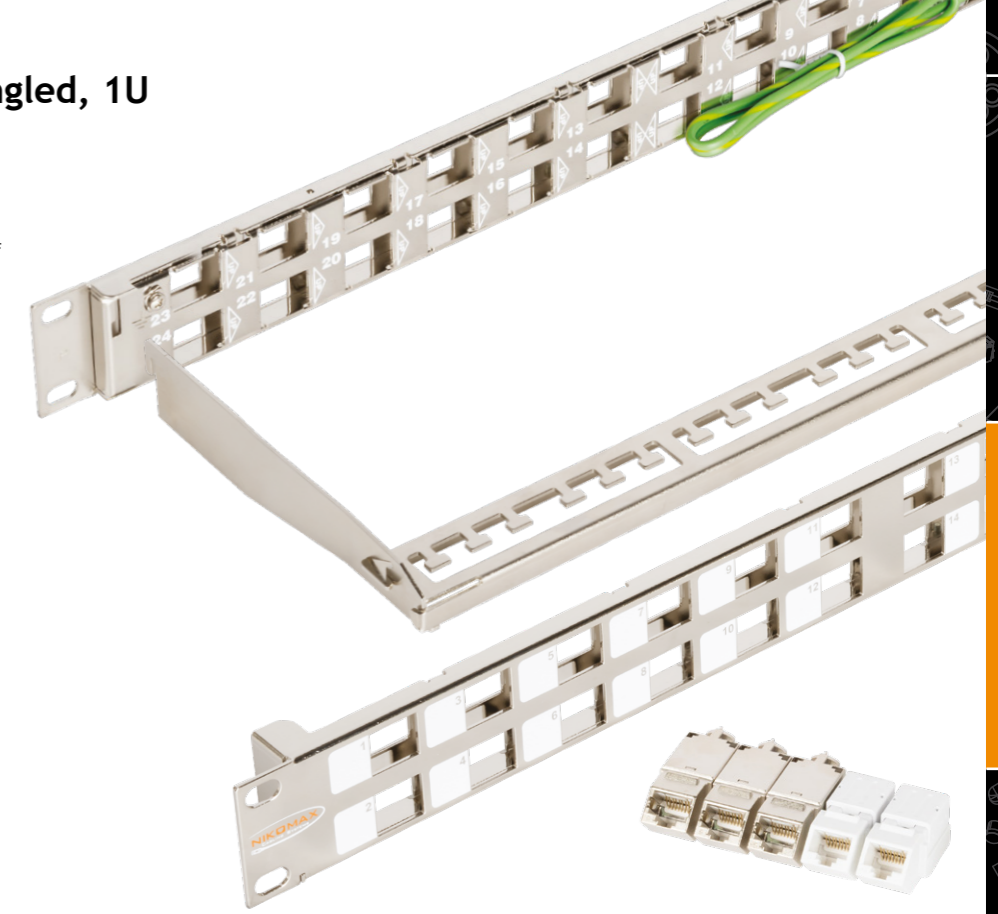
AN series keystone jacks with  
angled ports are required  
for proper operation. Though  
compatible with standard  
jacks too



Made of nickel-plated steel.  
Convenient detachable  
cable manager with in-  
creased length in set

### Set includes:

Cable manager – 1 pc.  
Nylon ties – 24 pcs.  
Grounding wire – 1 pc.  
Screw-Washer-Nut – 4 sets  
User manual – 1 pc.



Part Number	Construction	Compatible jacks	Height	Ports	Depth in rack, mm	Material	Package
NMC-RP24-BLANK-AN-1U-MT	Shielded	UTP/STP Jacks, AN Series	1U	24	157	Nickel-plated steel 1.5 mm	Cart. box

Warranty: 1 year

## Snap-in patch panel – Classic, 1U



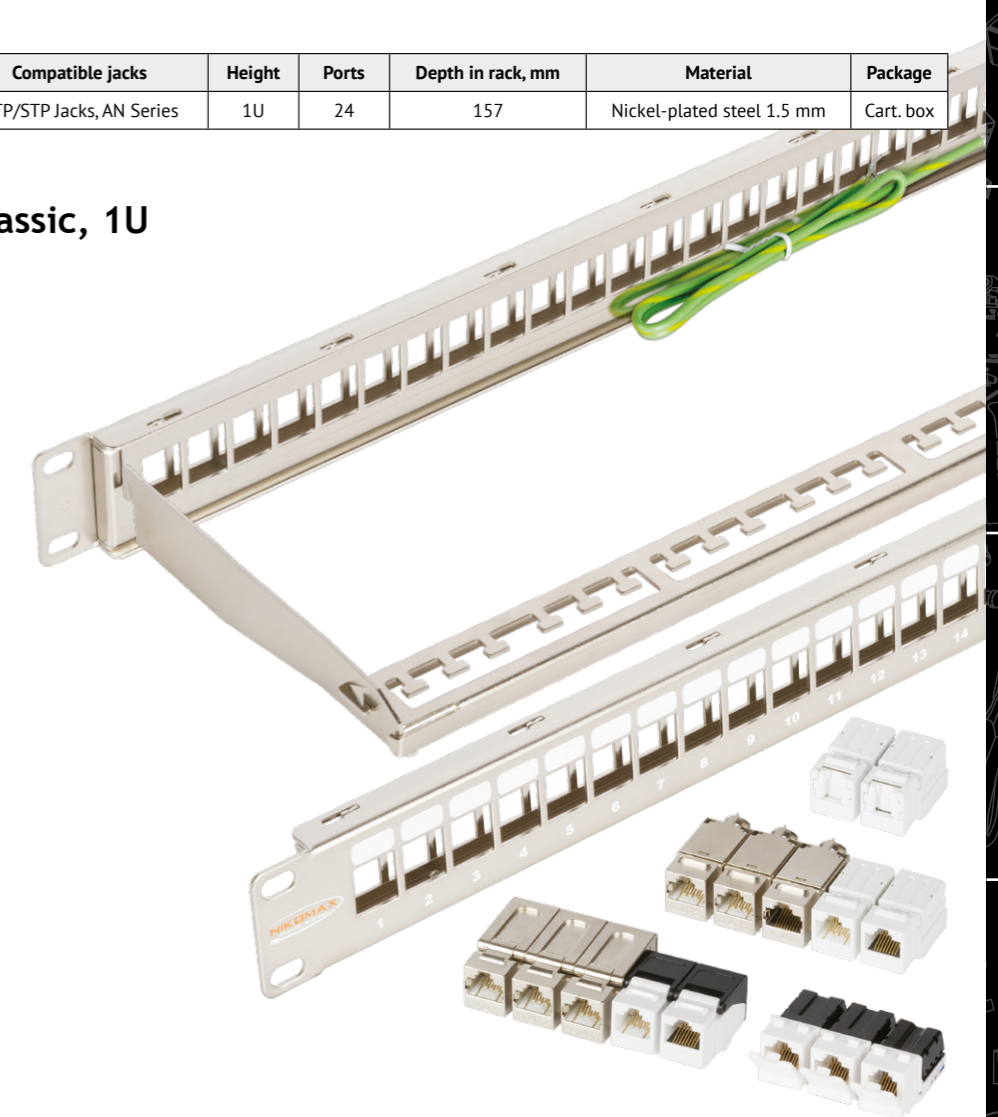
Made of nickel-plated steel.  
Compatible with standard  
Keystone Jacks with a width  
up to 17 mm, UTP and STP



Convenient detachable  
cable manager with in-  
creased length in set

### Set includes:

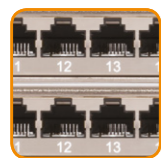
Cable manager – 1 pc.  
Nylon ties – 24 pcs.  
Grounding wire – 1 pc.  
Screw-Washer-Nut – 4 sets  
User manual – 1 pc.



Part Number	Construction	Compatible jacks	Height	Ports	Depth in rack, mm	Material	Package
NMC-RP24-BLANK-1U-MT	Shielded	UTP/STP Jacks, max width 17 mm	1U	24	157	Nickel-plated steel 1.5 mm	Cart. box

Warranty: 1 year

## High density patch panels – shielded, 0,5U



High density solution:  
48 ports in one unit



50 pin gold plated spring contacts: min. 750 cycles of insertion/extraction life. Special contacts design for crosstalk reduction (for Cat.6)



9 IDC contacts:  
8 for data wires and  
1 for drain wire

A common bus and screw-type clips for a better grounding



Dual IDC contacts 110/Krone

Slots in IDC blades for holding wires before termination

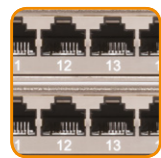


**Set includes:**  
Nylon ties – 24 pcs.  
Grounding wire – 1 pc.  
Screw-Washer-Nut – 2 sets  
User manual – 1 pc.

Part Number	Cat.	Bandwidth, MHz	Construction	Height	Ports	Port type	Gold plating	Depth in rack, mm	IDC wire gauge, AWG	IDC type (termination)	Package
NMC-RP24SE2-HU-MT	6	250	Shielded	0.5U	24	RJ45/8P8C	50 µinch	100	~24-22 AWG	110/KRONE	Carton box
NMC-RP24SD2-HU-MT	5e	100	Shielded	0.5U	24	RJ45/8P8C	50 µinch	100	~24-22 AWG	110/KRONE	Carton box

**Warranty:** Component – 5 years. System – up to 25 years as part of a certified NIKOMAX SCS

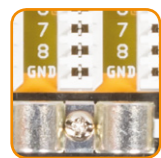
## High density patch panel – shielded, 1U



High density solution:  
48 ports in one unit



50 pin gold plated spring contacts: min. 750 cycles of insertion/extraction life. Special contacts design for crosstalk reduction (for Cat.6)



9 IDC contacts:  
8 for data wires and  
1 for drain wire

A common bus and screw-type clips for a better grounding



Dual IDC contacts 110/Krone

Slots in IDC blades for holding wires before termination



**Set includes:**  
Nylon ties – 48 pcs.  
Grounding wire – 1 pc.  
Screw-Washer-Nut – 4 sets  
User manual – 1 pc.

Part Number	Cat.	Bandwidth, MHz	Construction	Height	Ports	Port type	Gold plating	Depth in rack, mm	IDC wire gauge, AWG	IDC type (termination)	Package
NMC-RP48SE2-HR-1U-MT	6	250	Shielded	1U	48	RJ45/8P8C	50 µinch	123	~24-22 AWG	110/KRONE	Carton box

**Warranty:** Component – 5 years. System – up to 25 years as part of a certified NIKOMAX SCS

## Classic patch panels – shielded, 1U



50 pin gold plated spring contacts: min. 750 cycles of insertion/extraction life. Special contacts design for crosstalk reduction (for Cat.6 and 6<sub>A</sub>)



9 IDC contacts:  
8 for data wires and  
1 for drain wire

A common bus and screw-type clips for a better grounding



Dual IDC contacts 110/Krone

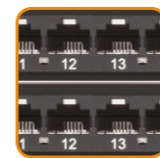
Slots in IDC blades for holding wires before termination

**Set includes:**  
Nylon ties – 24 pcs.  
Grounding wire – 1 pc.  
Screw-Washer-Nut – 4 sets  
User manual – 1 pc.

Part Number	Cat.	Bandwidth, MHz	Construction	Height	Ports	Port type	Gold plating	Depth in rack, mm	IDC wire gauge, AWG	IDC type (termination)	Package
NMC-RP24SA2-1U-MT	6A	500	Shielded	1U	24	RJ45/8P8C	50 µinch	100	~24-22 AWG	110/KRONE	Carton box
NMC-RP24SE2-1U-MT	6	250	Shielded	1U	24	RJ45/8P8C	50 µinch	100	~24-22 AWG	110/KRONE	Carton box
NMC-RP24SD2-1U-MT	5e	100	Shielded	1U	24	RJ45/8P8C	50 µinch	100	~24-22 AWG	110/KRONE	Carton box

**Warranty:** Component – 5 years. System – up to 25 years as part of a certified NIKOMAX SCS

## High density patch panel – unshielded, 1U



High density solution:  
48 ports in one unit



50 pin gold plated spring contacts: min. 750 cycles of insertion/extraction life. Special contacts design for crosstalk reduction (for Cat.6)



Dual IDC contacts 110/Krone

Slots in IDC blades for holding wires before termination

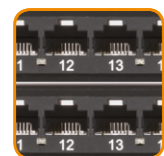


**Set includes:**  
Nylon ties – 24 pcs.  
Screw-Washer-Nut – 4 sets  
User manual – 1 pc.

Part Number	Cat.	Bandwidth, MHz	Construction	Height	Ports	Port type	Gold plating	Depth in rack, mm	IDC wire gauge, AWG	IDC type (termination)	Package
NMC-RP48UE2-HR-1U-BK	6	250	Unshielded	1U	48	RJ45/8P8C	50 µinch	123	~24-22 AWG	110/KRONE	Carton box

**Warranty:** Component – 5 years. System – up to 25 years as part of a certified NIKOMAX SCS

## High density patch panels – unshielded, 0,5U



High density solution:  
48 ports in one unit



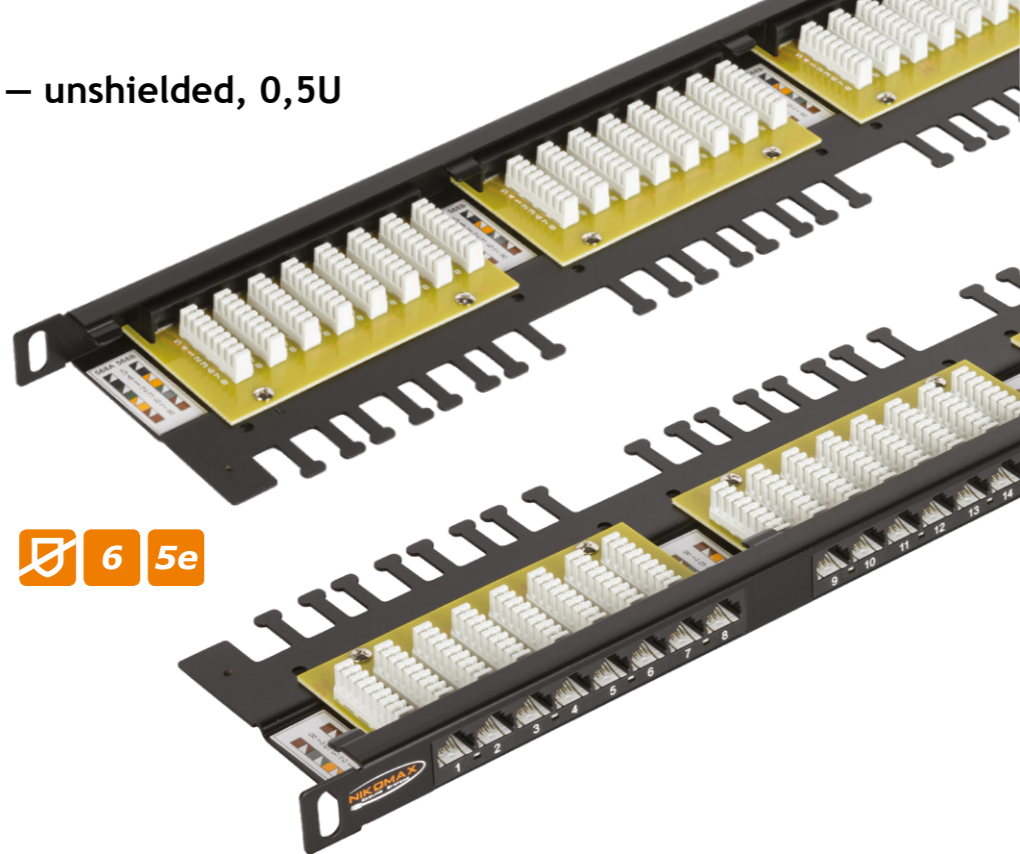
50 pin gold plated spring contacts: min. 750 cycles of insertion/extraction life. Special contacts design for crosstalk reduction (for Cat.6)



Dual IDC contacts 110/Krone  
Slots in IDC blades for holding wires before termination



**Set includes:**  
Nylon ties – 24 pcs.  
Screw-Washer-Nut – 2 sets  
User manual – 1 pc.



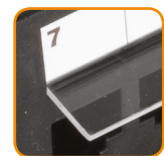
Part Number	Cat.	Bandwidth, MHz	Construction	Height	Ports	Port type	Gold plating	Depth in rack, mm	IDC wire gauge, AWG	IDC type (termination)	Package
NMC-RP24UE2-HU-BK	6	250	Unshielded	0.5U	24	RJ45/8P8C	50 µinch	100	~24-22 AWG	110/KRONE	Carton box
NMC-RP24UD2-HU-BK	5e	100	Unshielded	0.5U	24	RJ45/8P8C	50 µinch	100	~24-22 AWG	110/KRONE	Carton box

**Warranty:** Component – 5 years. System – up to 25 years as part of a certified NIKOMAX SCS

## Classic patch panels – unshielded, 1U & 2U



50 pin gold plated spring contacts: min. 750 cycles of insertion/extraction life. Special contacts design for crosstalk reduction (for Cat.6)



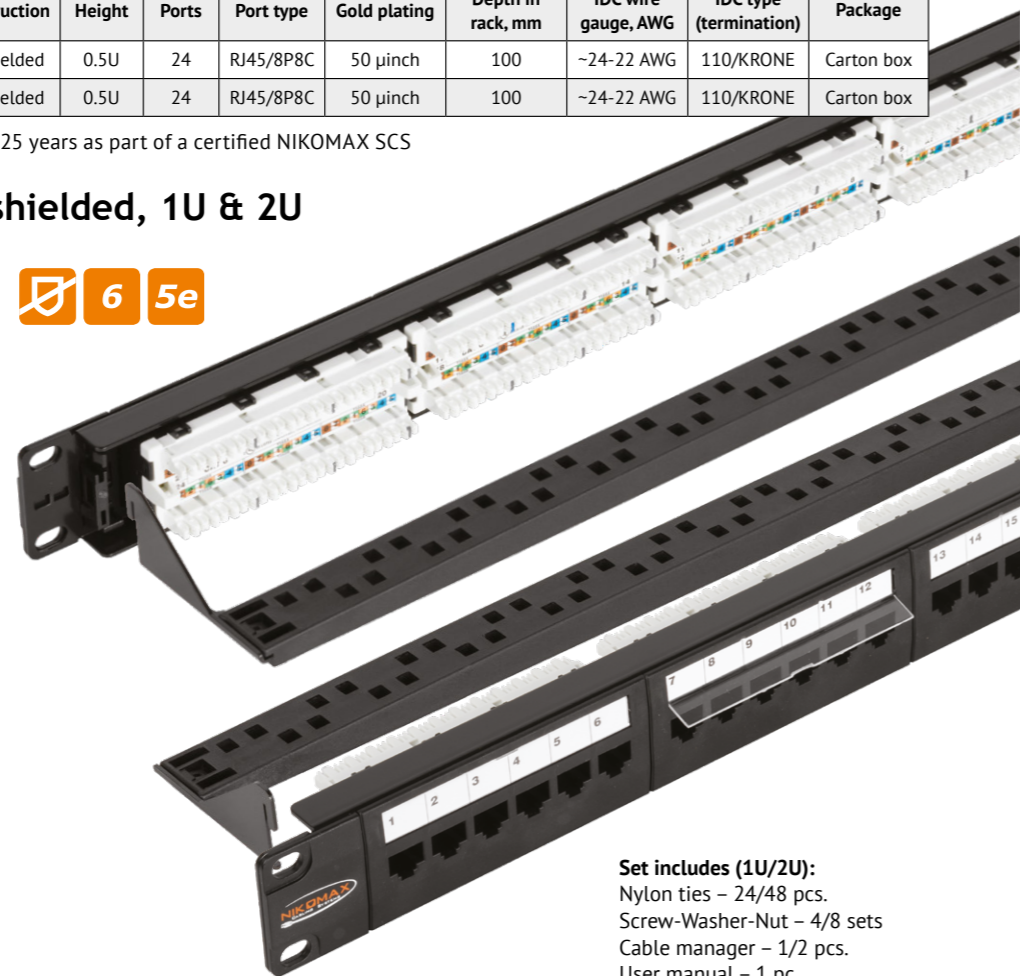
Additional marking areas with convenient hinged covers



Dual IDC contacts 110/Krone  
Slots in IDC blades for holding wires before termination



Compatible with NMC-315DR tool for one time termination up to 4 pairs in a row (will require NMC-TA15B insert)



**Set includes (1U/2U):**  
Nylon ties – 24/48 pcs.  
Screw-Washer-Nut – 4/8 sets  
Cable manager – 1/2 pcs.  
User manual – 1 pc.

Part Number	Cat.	Bandwidth, MHz	Construction	Height	Ports	Port type	Gold plating	Depth in rack, mm	IDC wire gauge, AWG	IDC type (termination)	Package
NMC-RP24UE2-1U-BK	6	250	Unshielded	1U	24	RJ45/8P8C	50 µinch	80	~24-22 AWG	110/KRONE	Carton box
NMC-RP48UE2-2U-BK	6	250	Unshielded	2U	48	RJ45/8P8C	50 µinch	80	~24-22 AWG	110/KRONE	Carton box
NMC-RP24UD2-1U-BK	5e	100	Unshielded	1U	24	RJ45/8P8C	50 µinch	80	~24-22 AWG	110/KRONE	Carton box
NMC-RP48UD2-2U-BK	5e	100	Unshielded	2U	48	RJ45/8P8C	50 µinch	80	~24-22 AWG	110/KRONE	Carton box

**Warranty:** Component – 5 years. System – up to 25 years as part of a certified NIKOMAX SCS

## High density patch panel – unshielded, 1U



High density solution:  
48 ports in one unit



50 pin gold plated spring contacts: min. 750 cycles of insertion/extraction life. Special contacts design for crosstalk reduction (for Cat.6)



Dual IDC contacts 110/Krone  
Slots in IDC blades for holding wires before termination



**Set includes:**  
Nylon ties – 24 pcs.  
Screw-Washer-Nut – 4 sets  
Cable manager – 1 pcs.  
User manual – 1 pc.



Part Number	Cat.	Bandwidth, MHz	Construction	Height	Ports	Port type	Gold plating	Depth in rack, mm	IDC wire gauge, AWG	IDC type (termination)	Package
NMC-RP48UE2-1U-BK	6	250	Unshielded	1U	48	RJ45/8P8C	50 µinch	74	~24-22 AWG	110/KRONE	Carton box
NMC-RP48UD2-1U-BK	5e	100	Unshielded	1U	48	RJ45/8P8C	50 µinch	74	~24-22 AWG	110/KRONE	Carton box

**Warranty:** Component – 5 years. System – up to 25 years as part of a certified NIKOMAX SCS

## Angled patch panels – unshielded, 1U & 2U



Convenient distribution of patch cords directly to the sides of the rack to vertical cable organizer. Saves a lot of valuable space in rack



50 pin gold plated spring contacts: min. 750 cycles of insertion/extraction life. Special contacts design for crosstalk reduction (for Cat.6)



Dual IDC contacts 110/Krone  
Slots in IDC blades for holding wires before termination



Only for 1U panels:  
Compatible with NMC-315DR tool for one time termination up to 4 pairs in a row (will require NMC-TA15B insert)

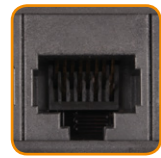


**Set includes (1U/2U):**  
Nylon ties – 24/48 pcs.  
Screw-Washer-Nut – 4/8 sets  
Cable manager – 1/2 pcs.  
User manual – 1 pc.

Part Number	Cat.	Bandwidth, MHz	Construction	Height	Ports	Port type	Gold plating	Depth in rack, mm	IDC wire gauge, AWG	IDC type (termination)	Package
NMC-RP24UE2-AN-1U-BK	6	250	Unshielded	1U	24	RJ45/8P8C	50 µinch	80	~24-22 AWG	110/KRONE	Carton box
NMC-RP48UE2-AN-2U-BK	6	250	Unshielded	2U	48	RJ45/8P8C	50 µinch	80	~24-22 AWG	110/KRONE	Carton box
NMC-RP24UD2-AN-1U-BK	5e	100	Unshielded	1U	24	RJ45/8P8C	50 µinch	80	~24-22 AWG	110/KRONE	Carton box
NMC-RP48UD2-AN-2U-BK	5e	100	Unshielded	2U	48	RJ45/8P8C	50 µinch	80	~24-22 AWG	110/KRONE	Carton box

**Warranty:** Component – 5 years. System – up to 25 years as part of a certified NIKOMAX SCS

## Essential series patch panels – unshielded, 1U & 2U



50 µinch gold plated spring contacts: min. 750 cycles of insertion/extraction life



Additional marking windows



Dual IDC contacts 110/Krone

Slots in IDC blades for holding wires before termination



### Set includes:

Nylon ties – 8 pcs.  
Screw-Washer-Nut – 4 sets  
Cable manager – 1 pc.  
User manual – 1 pc.

Part Number	Cat.	Bandwidth, MHz	Construction	Height	Ports	Port type	Gold plating	Depth in rack, mm	IDC wire gauge, AWG	IDC type (termination)	Package
NMC-RP24UE2-ES-1U-BK	6	250	Unshielded	1U	24	RJ45/8P8C	50 µinch	80	~24-22 AWG	110/KRONE	Carton box
NMC-RP24UD2-ES-1U-BK	5e	100	Unshielded	1U	24	RJ45/8P8C	50 µinch	80	~24-22 AWG	110/KRONE	Carton box

Warranty: 1 year

## Wall mount patch panels – unshielded



50 µinch gold plated spring contacts: min. 750 cycles of insertion/extraction life. Special contacts design for crosstalk reduction (for Cat.6)



IDC contacts are located at the front part, which allows to terminate cables before installing it on the wall



Dual IDC contacts 110/Krone

Slots in IDC blades for holding wires before termination



Compatible with NMC-315 DR tool for one time termination up to 4 pairs in a row (will require NMC-TA15B insert)



### Set includes:

Nylon ties – 2 pcs.  
Marking sites with covers – 1 pc.  
Self-adhesive base – 1 pc.  
Screws – 2 pcs.  
User manual – 1 pc.

Part Number	Cat.	Bandwidth, MHz	Construction	Ports	Port type	Gold plating	Dimensions, mm	IDC wire gauge, AWG	IDC type (termination)	Package
NMC-WP06UE2-GY	6	250	Unshielded	6	RJ45/8P8C	50 µinch	155x60x44	~24-22 AWG	110/KRONE	PE bag
NMC-WP06UD2-GY	5e	100	Unshielded	6	RJ45/8P8C	50 µinch	155x60x44	~24-22 AWG	110/KRONE	PE bag

Warranty: Component – 5 years. System – up to 25 years as part of a certified NIKOMAX SCS

## Wall mount snap-in patch panel – unshielded



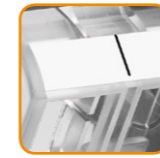
Snap-in design allows to use the jacks of different types in one panel, which is relevant for small facilities and home use



Each pair of ports is a separate, freely rotating module. This solution allows the cords to be routed in the most suitable direction



The front part of the panel is removable, which allows to fix it on a preinstalled base on the wall after mounting the jacks with cables



All ports are numbered and equipped with additional marking areas



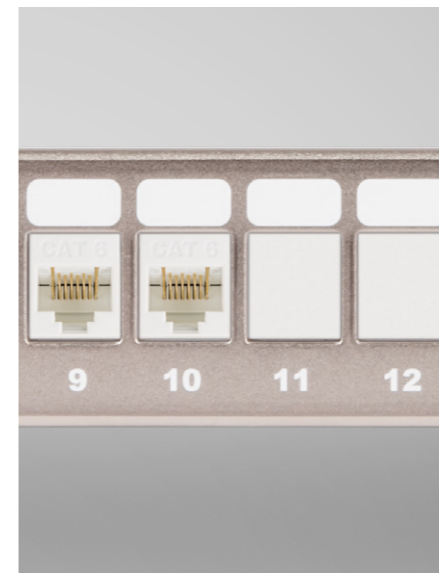
### Set includes:

Marking pads – 1 set  
User manual – 1 pc.

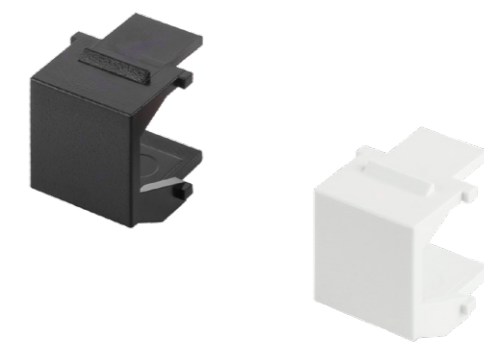
Part Number	Compatible jacks	Ports	Dimensions, mm	Package
NMC-WP12-BLANK-BK	UTP Jacks, max width 17 mm	12	71x254x84	Carton box

Warranty: 1 year

## Port cover jacks



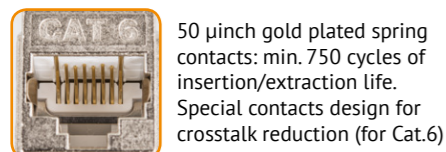
Designed for covering empty ports in patch panels and wall outlet sockets



Part Number	Category	Bandwidth, MHz	Port type	Dimensions, mm	Material	Color	Package	
							Type	Quantity
NMC-KJ-BLANK-WT-10	-	-	-	17x20x20	Plastic	White	PE bag	10 pcs.
NMC-KJ-BLANK-BK-10	-	-	-	17x20x20	Plastic	Black	PE bag	10 pcs.

Warranty: 1 year

## Fast Termination Jacks – Standard (FT Series), 90°, shielded



50 pinch gold plated spring contacts: min. 750 cycles of insertion/extraction life. Special contacts design for crosstalk reduction (for Cat.6)



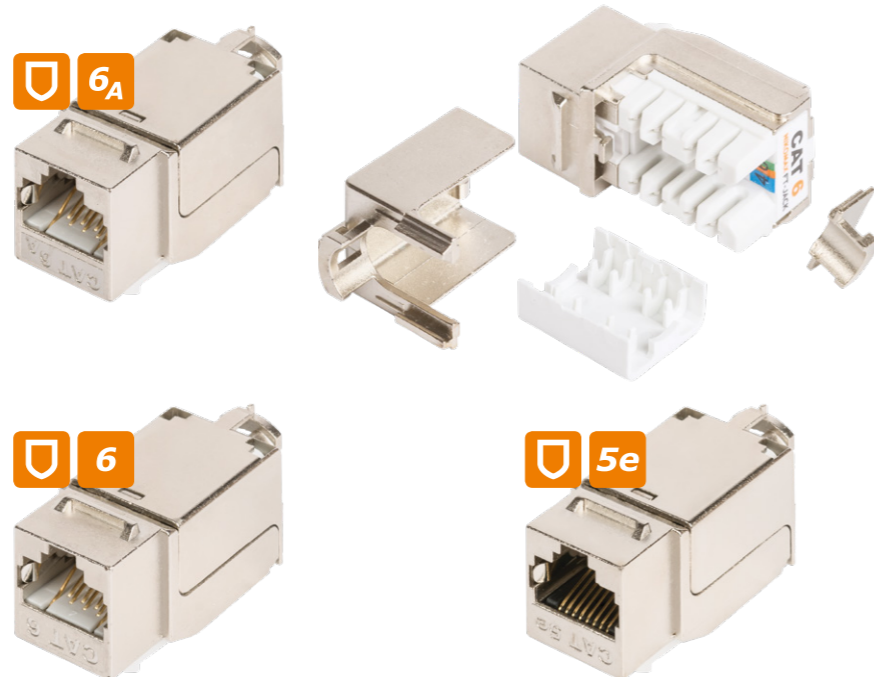
Unique design for use with a fast termination device – NMC-FT-TOOL. Easy to use, multiple time savings



Dual IDC contacts 110/Krone  
Slots in IDC blades for holding wires before termination

### Set includes:

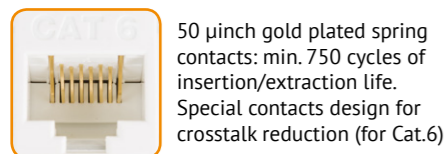
Wire cap – 1 pc.  
Grounding clip – 1 pc.  
Nylon tie – 1 pc.  
User manual – 1 pc.



Part Number	Cat.	Bandwidth, MHz	Construction	Port type	Gold plating	Dimensions, mm	IDC wire gauge, AWG	IDC type (termination)	Package
NMC-KJSA2-FT-MT	6 <sub>A</sub>	500	Shielded	RJ45/8P8C	50 µinch	17x19x40	~24-22 AWG	FT-TOOL/110/KRONE	PE bag
NMC-KJSE2-FT-MT	6	250	Shielded	RJ45/8P8C	50 µinch	17x19x40	~24-22 AWG	FT-TOOL/110/KRONE	PE bag
NMC-KJSD2-FT-MT	5e	100	Shielded	RJ45/8P8C	50 µinch	17x19x40	~24-22 AWG	FT-TOOL/110/KRONE	PE bag

**Warranty:** Component – 5 years. System – up to 25 years as part of a certified NIKOMAX SCS

## Fast Termination Jacks – Standard (FT & ST Series), 90°, unshielded



50 pinch gold plated spring contacts: min. 750 cycles of insertion/extraction life. Special contacts design for crosstalk reduction (for Cat.6)



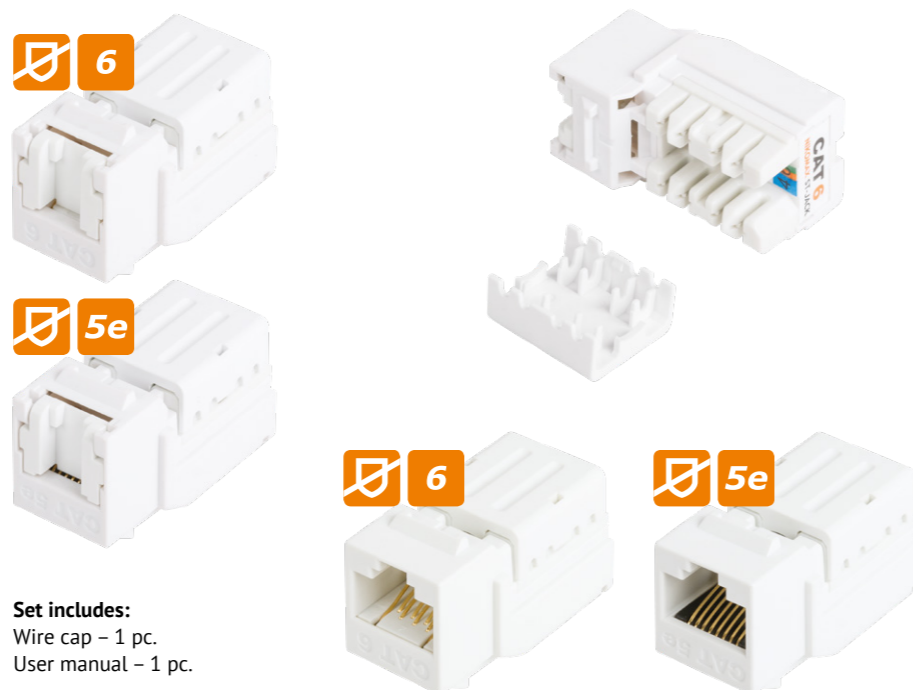
Unique design for use with a fast termination device – NMC-FT-TOOL. Easy to use, multiple time savings



Built-in anti-dust shutter door protects the port from dirt. Construction don't enlarge jacks dimensions and gets inside the body while plugging a patch-cord



Dual IDC contacts 110/Krone  
Slots in IDC blades for holding wires before termination



**Set includes:**  
Wire cap – 1 pc.  
User manual – 1 pc.

Part Number	Cat.	Bandwidth, MHz	Construction	Port type	Gold plating	Dimensions, mm	IDC wire gauge, AWG	IDC type (termination)	Package
NMC-KJUE2-ST-WT	6	250	Unshielded	RJ45/8P8C	50 µinch	17x19x32	~24-22 AWG	FT-TOOL/110/KRONE	PE bag
NMC-KJUE2-FT-WT	6	250	Unshielded	RJ45/8P8C	50 µinch	17x19x32	~24-22 AWG	FT-TOOL/110/KRONE	PE bag
NMC-KJUD2-ST-WT	5e	100	Unshielded	RJ45/8P8C	50 µinch	17x19x32	~24-22 AWG	FT-TOOL/110/KRONE	PE bag
NMC-KJUD2-FT-WT	5e	100	Unshielded	RJ45/8P8C	50 µinch	17x19x32	~24-22 AWG	FT-TOOL/110/KRONE	PE bag

**Warranty:** Component – 5 years. System – up to 25 years as part of a certified NIKOMAX SCS

## Fast Termination Jacks – With angled ports (AN Series), 90°, shielded



Convenient distribution of patch cords directly to the sides of the rack to vertical cable organizer. Saves a lot of valuable space in rack



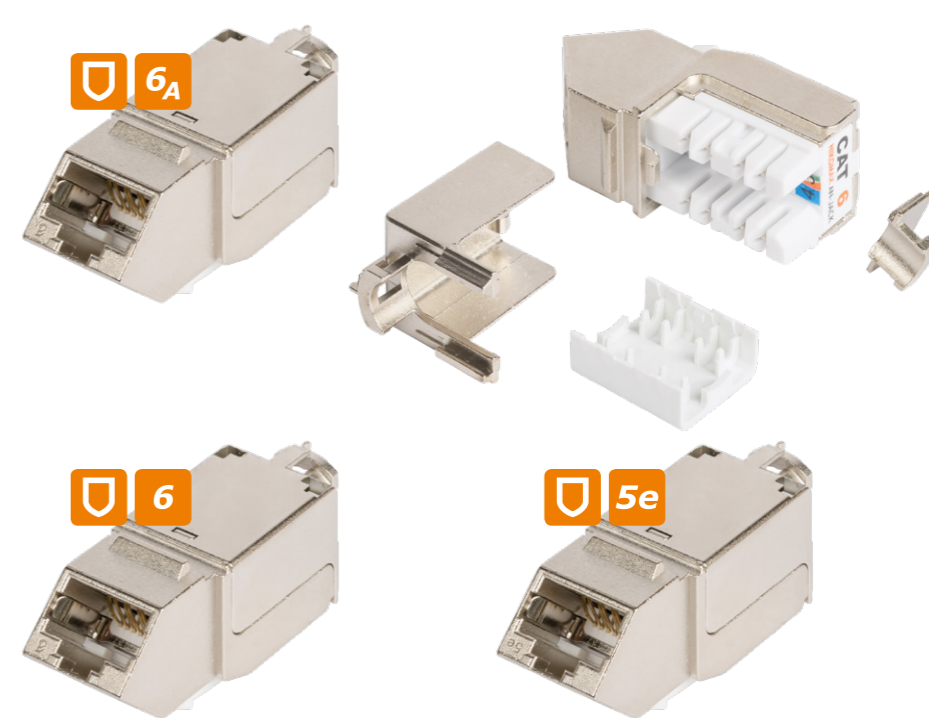
50 pinch gold plated spring contacts: min. 750 cycles of insertion/extraction life. Special contacts design for crosstalk reduction (for Cat.6)



Unique design for use with a fast termination device – NMC-FT-TOOL. Easy to use, multiple time savings

### Set includes:

Wire cap – 1 pc.  
Grounding clip – 1 pc.  
Nylon tie – 1 pc.  
User manual – 1 pc.



Part Number	Cat.	Bandwidth, MHz	Construction	Port type	Gold plating	Dimensions, mm	IDC wire gauge, AWG	IDC type (termination)	Package
NMC-KJSA2-AN-MT	6 <sub>A</sub>	500	Shielded	RJ45/8P8C	50 µinch	17x19x48	~24-22 AWG	FT-TOOL/110/KRONE	PE bag
NMC-KJSE2-AN-MT	6	250	Shielded	RJ45/8P8C	50 µinch	17x19x48	~24-22 AWG	FT-TOOL/110/KRONE	PE bag
NMC-KJSD2-AN-MT	5e	100	Shielded	RJ45/8P8C	50 µinch	17x19x48	~24-22 AWG	FT-TOOL/110/KRONE	PE bag

**Warranty:** Component – 5 years. System – up to 25 years as part of a certified NIKOMAX SCS

## Fast Termination Jacks – With angled ports (AN Series), 90°, unshielded



Convenient distribution of patch cords directly to the sides of the rack to vertical cable organizer. Saves a lot of valuable space in rack



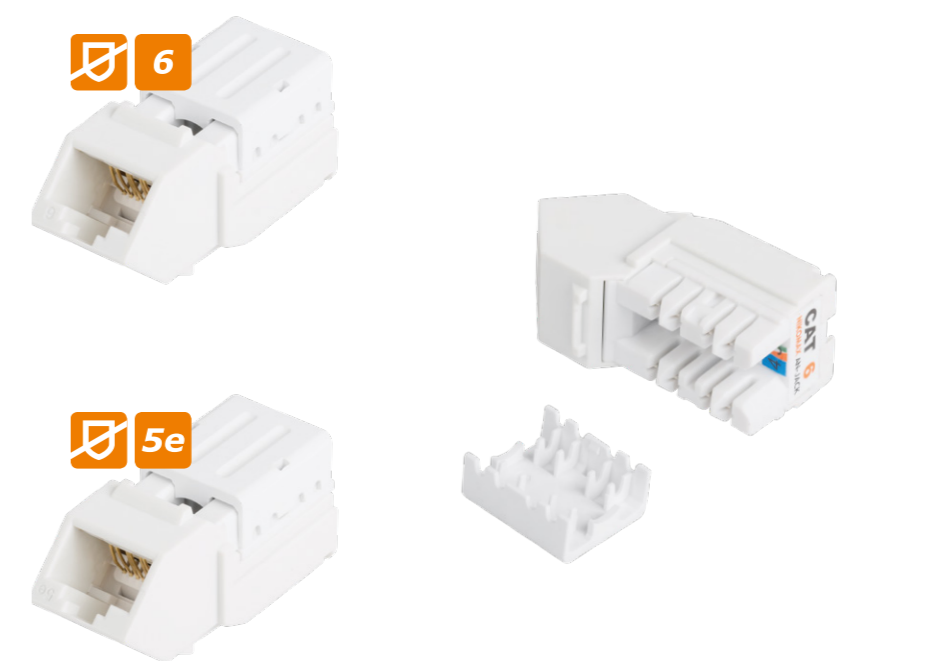
50 pinch gold plated spring contacts: min. 750 cycles of insertion/extraction life. Special contacts design for crosstalk reduction (for Cat.6)



Unique design for use with a fast termination device – NMC-FT-TOOL. Easy to use, multiple time savings

### Set includes:

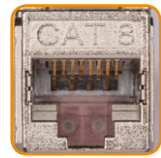
Wire cap – 1 pc.  
User manual – 1 pc.



Part Number	Cat.	Bandwidth, MHz	Construction	Port type	Gold plating	Dimensions, mm	IDC wire gauge, AWG	IDC type (termination)	Package
NMC-KJUE2-AN-WT	6	250	Unshielded	RJ45/8P8C	50 µinch	17x19x40	~24-22 AWG	FT-TOOL/110/KRONE	PE bag
NMC-KJUD2-AN-WT	5e	100	Unshielded	RJ45/8P8C	50 µinch	17x19x40	~24-22 AWG	FT-TOOL/110/KRONE	PE bag

**Warranty:** Component – 5 years. System – up to 25 years as part of a certified NIKOMAX SCS

## Toolless Jack (BF Series), 180°, shielded, Category 8.1



50 pinch gold plated spring contacts: min. 750 cycles of insertion/extraction life. Special contacts design for crosstalk reduction



Toolless design. No need in special equipment for jack termination. It is desirable to have only a precise cutters



Insert provides uniform conductor termination in IDC blades. Cross-type separator divides pairs, reducing crosstalk inside the jack

**Set includes:**  
Jack – 1 pc.  
Insert – 1 pc.  
Nylon tie – 1 pc.  
User manual – 1 pc.



Part Number	Cat.	Bandwidth, MHz	Construction	Port type	Gold plating	Dimensions, mm	IDC wire gauge, AWG	IDC type (termination)	Package
NMC-KJSI2-BF-MT	8.1	2000	Shielded	RJ45/8P8C	50 µinch	17x21x42 mm	~24-22 AWG	Toolless	PE bag

**Warranty:** Component – 5 years. System – up to 25 years as part of a certified NIKOMAX SCS

## Toolless Jacks (NT Series), 90°, shielded



50 pinch gold plated spring contacts: min. 750 cycles of insertion/extraction life. Special contacts design for crosstalk reduction (for Cat.6 and 6<sub>A</sub>)

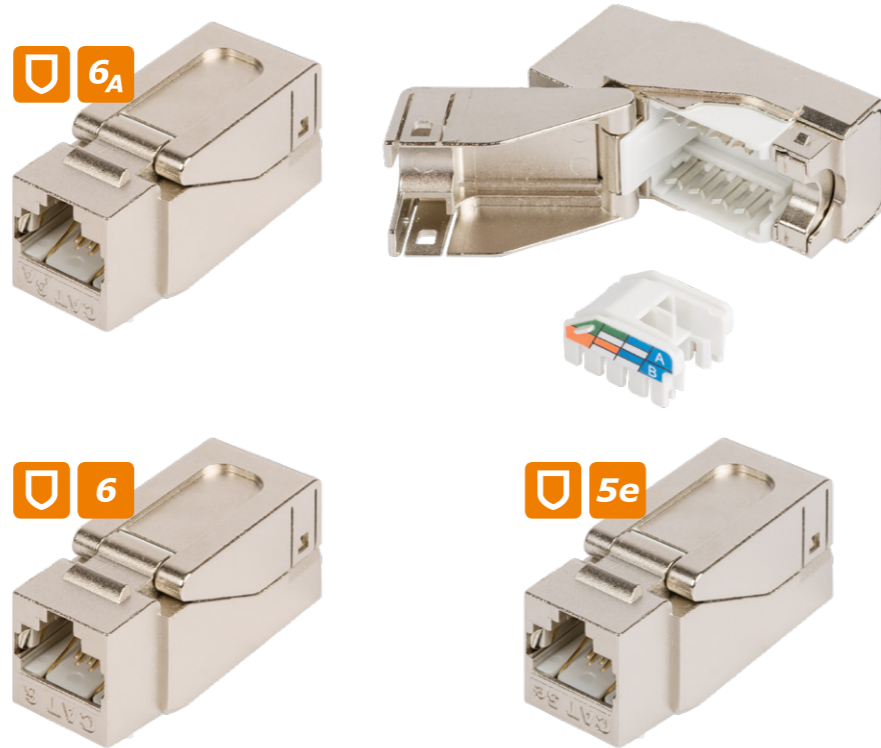


Toolless design. No need in special equipment for jack termination. It is desirable to have only a precise cutters



Insert provides uniform conductor termination in IDC blades. Cross-type separator divides pairs, reducing crosstalk inside the jack

**Set includes:**  
Wiring insert – 1 pc.  
User manual – 1 pc.



Part Number	Cat.	Bandwidth, MHz	Construction	Port type	Gold plating	Dimensions, mm	IDC wire gauge, AWG	IDC type (termination)	Package
NMC-KJSA2-NT-MT	6 <sub>A</sub>	500	Shielded	RJ45/8P8C	50 µinch	17x19x42	~24-22 AWG	Toolless	PE bag
NMC-KJSE2-NT-MT	6	250	Shielded	RJ45/8P8C	50 µinch	17x19x42	~24-22 AWG	Toolless	PE bag
NMC-KJSD2-NT-MT	5e	100	Shielded	RJ45/8P8C	50 µinch	17x19x42	~24-22 AWG	Toolless	PE bag

**Warranty:** Component – 5 years. System – up to 25 years as part of a certified NIKOMAX SCS

## Toolless Jacks (NT Series), 90°, unshielded



50 pinch gold plated spring contacts: min. 750 cycles of insertion/extraction life. Special contacts design for crosstalk reduction (for Cat.6 and 6<sub>A</sub>)



Toolless design. No need in special equipment for jack termination. It is desirable to have only a precise cutters



Insert provides uniform conductor termination in IDC blades. Cross-type separator divides pairs, reducing crosstalk inside the jack

**Set includes:**  
Wiring insert – 1 pc.  
User manual – 1 pc.



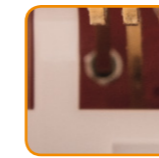
Part Number	Cat.	Bandwidth, MHz	Construction	Port type	Gold plating	Dimensions, mm	IDC wire gauge, AWG	IDC type (termination)	Package
NMC-KJUE2-NT-WT	6	250	Unshielded	RJ45/8P8C	50 µinch	17x19x35	~24-22 AWG	Toolless	PE bag
NMC-KJUD2-NT-WT	5e	100	Unshielded	RJ45/8P8C	50 µinch	17x19x35	~24-22 AWG	Toolless	PE bag

**Warranty:** Component – 5 years. System – up to 25 years as part of a certified NIKOMAX SCS

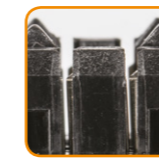
## Jacks for punch-down tool, 90°, unshielded



50 pinch gold plated spring contacts: min. 750 cycles of insertion/extraction life



Removable dust covers to protect port from dust. Set includes 3 covers with a different labels



Dual IDC contacts 110/Krone

**Set includes:**  
Wire cap – 1 pc.  
Dust covers – 3 pcs.  
User manual – 1 pc.



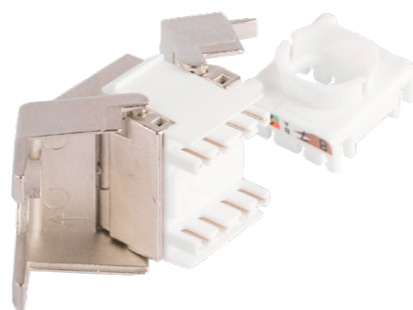
Part Number	Cat.	Bandwidth, MHz	Construction	Port type	Gold plating	Dimensions, mm	IDC wire gauge, AWG	IDC type (termination)	Package
NMC-KJUE2-WT	6	250	Unshielded	RJ45/8P8C	50 µinch	17x19x30	~24-22 AWG	110/KRONE	PE bag
NMC-KJUD2-WT	5e	100	Unshielded	RJ45/8P8C	50 µinch	17x19x30	~24-22 AWG	110/KRONE	PE bag

**Warranty:** Component – 5 years. System – up to 25 years as part of a certified NIKOMAX SCS

## Essential Toolless Jacks (ET Series), 180°, shielded



50 µinch gold plated spring contacts: min. 750 cycles of insertion/extraction life



Toolless design. No need in special equipment for jack termination. It is desirable to have only a precise cutters



Insert provides uniform conductor termination in IDC blades



**Set includes:**  
Wiring insert – 1 pc.  
User manual – 1 pc.

Part Number	Cat.	Bandwidth, MHz	Construction	Port type	Gold plating	Dimensions, mm	IDC wire gauge, AWG	IDC type (termination)	Package
NMC-KJSA2-ET-MT	6 <sub>A</sub>	500	Shielded	RJ45/8P8C	50 µinch	17x22x28	~24-22 AWG	Toolless	PE bag
NMC-KJSE2-ET-MT	6	250	Shielded	RJ45/8P8C	50 µinch	17x22x28	~24-22 AWG	Toolless	PE bag
NMC-KJSD2-ET-MT	5e	100	Shielded	RJ45/8P8C	50 µinch	17x22x28	~24-22 AWG	Toolless	PE bag

Warranty: 1 year

## Essential Toolless Jacks (ET Series), 180°, unshielded



50 µinch gold plated spring contacts: min. 750 cycles of insertion/extraction life



Toolless design. No need in special equipment for jack termination. It is desirable to have only a precise cutters



Insert provides uniform conductor termination in IDC blades

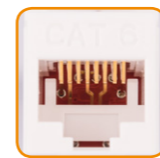


**Set includes:**  
Wiring insert – 1 pc.  
User manual – 1 pc.

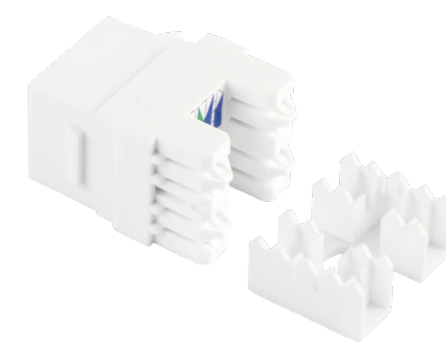
Part Number	Cat.	Bandwidth, MHz	Construction	Port type	Gold plating	Dimensions, mm	IDC wire gauge, AWG	IDC type (termination)	Package
NMC-KJUA2-ET-WT	6 <sub>A</sub>	500	Unshielded	RJ45/8P8C	50 µinch	17x21x32	~24-22 AWG	Toolless	PE bag
NMC-KJUE2-ET-WT	6	250	Unshielded	RJ45/8P8C	50 µinch	17x21x32	~24-22 AWG	Toolless	PE bag
NMC-KJUD2-ET-WT	5e	100	Unshielded	RJ45/8P8C	50 µinch	17x21x32	~24-22 AWG	Toolless	PE bag

Warranty: 1 year

## Essential Jacks for punch-down tool (VI Series), 180°, unshielded



50 µinch gold plated spring contacts: min. 750 cycles of insertion/extraction life



Jack design allows the cable to be wired from the side, saving space behind the jack



Dual IDC contacts 110/Krone



**Set includes:**  
Wire cap – 1 pc.  
User manual – 1 pc.

Part Number	Cat.	Bandwidth, MHz	Construction	Port type	Gold plating	Dimensions, mm	IDC wire gauge, AWG	IDC type (termination)	Package
NMC-KJUE2-VI-WT	6	250	Unshielded	RJ45/8P8C	50 µinch	17x20x28	~24-22 AWG	110/KRONE	PE bag
NMC-KJUD2-VI-WT	5e	100	Unshielded	RJ45/8P8C	50 µinch	17x20x28	~24-22 AWG	110/KRONE	PE bag

Warranty: 1 year

## Surface Mount Boxes



Built-in anti-dust shutter doors to protect from dirt. Colored icons for port marking. Marking areas with convenient hinged covers



Universal mount compatible with all NIKOMAX keystone jacks. Knock-out insets to extend the slot for jacks with bigger height



Additional knock-out windows made on the housings allow to input cables from any side, including the bottom

**Set includes:**  
Marking sites & covers – 1 set  
Colored icons – 1 set  
Nylon tie – 4 or 6 (for 4 & 6 ports)  
Self-adhesive base – 1 set  
Screws – 2 pcs.



Part Number	Ports	Supported Jacks	Dimensions, mm	Package
NMC-MB1P-ST-WT	1	Keystone	40x70x30	PE bag
NMC-MB2P-ST-WT	2	Keystone	66x70x30	PE bag
NMC-MB4P-ST-WT	4	Keystone	118x85x30	PE bag
NMC-MB6P-ST-WT	6	Keystone	170x85x30	PE bag

Warranty: 1 year

## Wall mount outlets with FT series jacks



Built-in anti-dust shutter doors to protect from dirt. Colored icons for port marking. Marking areas with convenient hinged covers



FT-Series jacks in set. Unique design for use with a fast termination device – NMC-FT-TOOL. Easy to use, multiple time savings



### Set includes:

- Jacks + caps – 1 (2) pcs.
- User manual – 1 pc.
- Marking sites with covers – 1 pc.
- Set of colored icons – 2 pcs.
- Self-adhesive base – 1 pcs.
- Screws – 2 pcs.

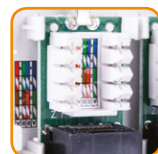
Part Number	Cat.	Bandwidth, MHz	Construction	Ports	Port type	Gold plating	Dimensions, mm	IDC wire gauge, AWG	IDC type (termination)	Package
NMC-WO1SE2-FT-ST-WT	6	250	Shielded	1	RJ45/8P8C	50 µinch	40x70x30	~24-22 AWG	FT-TOOL/110/KRONE	PE bag
NMC-WO2SE2-FT-ST-WT	6	250	Shielded	2	RJ45/8P8C	50 µinch	66x70x30	~24-22 AWG	FT-TOOL/110/KRONE	PE bag
NMC-WO1UE2-FT-ST-WT	6	250	Unshielded	1	RJ45/8P8C	50 µinch	40x70x30	~24-22 AWG	FT-TOOL/110/KRONE	PE bag
NMC-WO2UE2-FT-ST-WT	6	250	Unshielded	2	RJ45/8P8C	50 µinch	66x70x30	~24-22 AWG	FT-TOOL/110/KRONE	PE bag
NMC-WO1SD2-FT-ST-WT	5e	100	Shielded	1	RJ45/8P8C	50 µinch	40x70x30	~24-22 AWG	FT-TOOL/110/KRONE	PE bag
NMC-WO2SD2-FT-ST-WT	5e	100	Shielded	2	RJ45/8P8C	50 µinch	66x70x30	~24-22 AWG	FT-TOOL/110/KRONE	PE bag
NMC-WO1UD2-FT-ST-WT	5e	100	Unshielded	1	RJ45/8P8C	50 µinch	40x70x30	~24-22 AWG	FT-TOOL/110/KRONE	PE bag
NMC-WO2UD2-FT-ST-WT	5e	100	Unshielded	2	RJ45/8P8C	50 µinch	66x70x30	~24-22 AWG	FT-TOOL/110/KRONE	PE bag

**Warranty:** Component – 5 years. System – up to 25 years as part of a certified NIKOMAX SCS

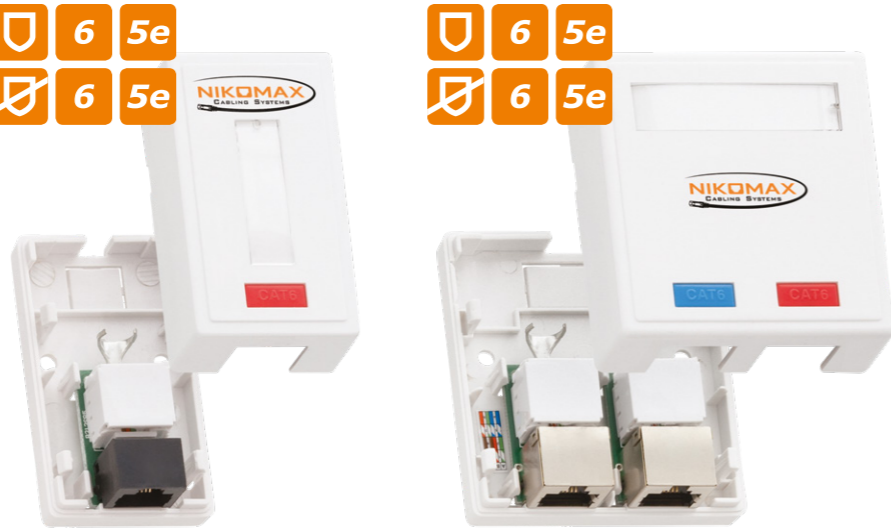
## Wall mount outlets with PCB



Colored icons for port marking. Marking areas with convenient hinged covers



Built-in PCB. Ready to use solution. Affordable price. Dual IDC contacts 110/Krone



### Set includes:

- Wire cap – 1 (2) pcs.
- User manual – 1 pc.
- Marking sites with covers – 1 pc.
- Set of colored icons – 2 pcs.
- Self-adhesive base – 1 pcs.
- Screws – 2 pcs.

Part Number	Cat.	Bandwidth, MHz	Construction	Ports	Port type	Gold plating	Dimensions, mm	IDC wire gauge, AWG	IDC type (termination)	Package
NMC-WO1SE2-WT	6	250	Shielded	1	RJ45/8P8C	50 µinch	40x70x30	~24-22 AWG	110/KRONE	PE bag
NMC-WO2SE2-WT	6	250	Shielded	2	RJ45/8P8C	50 µinch	66x70x30	~24-22 AWG	110/KRONE	PE bag
NMC-WO1UE2-WT	6	250	Unshielded	1	RJ45/8P8C	50 µinch	40x70x30	~24-22 AWG	110/KRONE	PE bag
NMC-WO2UE2-WT	6	250	Unshielded	2	RJ45/8P8C	50 µinch	66x70x30	~24-22 AWG	110/KRONE	PE bag
NMC-WO1SD2-WT	5e	100	Shielded	1	RJ45/8P8C	50 µinch	40x70x30	~24-22 AWG	110/KRONE	PE bag
NMC-WO2SD2-WT	5e	100	Shielded	2	RJ45/8P8C	50 µinch	66x70x30	~24-22 AWG	110/KRONE	PE bag
NMC-WO1UD2-WT	5e	100	Unshielded	1	RJ45/8P8C	50 µinch	40x70x30	~24-22 AWG	110/KRONE	PE bag
NMC-WO2UD2-WT	5e	100	Unshielded	2	RJ45/8P8C	50 µinch	66x70x30	~24-22 AWG	110/KRONE	PE bag

**Warranty:** Component – 5 years. System – up to 25 years as part of a certified NIKOMAX SCS

## German style 80x80 mm faceplates and back box

German style outlets use similar to British type 50x50 mm insets but with a smaller size of faceplates and back boxes – 80x80 mm.



Keystone jacks are not in set and should be ordered separately



**Faceplate set includes:**  
Marking site with cover – 1 set  
Bolts – 3 pcs.

**Back box set includes:**  
Screws – 2 pcs.

Part number	Item type	Insert type	Number of ports	Supported jacks	Dimensions, mm	Package type
NMC-PL80X80-1PA-WT	Faceplate with insert	Angled	1	Keystone	80x80x12	PE bag
NMC-PL80X80-2PA-WT	Faceplate with insert	Angled	2	Keystone	80x80x12	PE bag
NMC-PL80X80-3PA-WT	Faceplate with insert	Angled	3	Keystone	80x80x12	PE bag
NMC-BB80X80-WT	Back box	-	-	-	80x80x40	PE bag

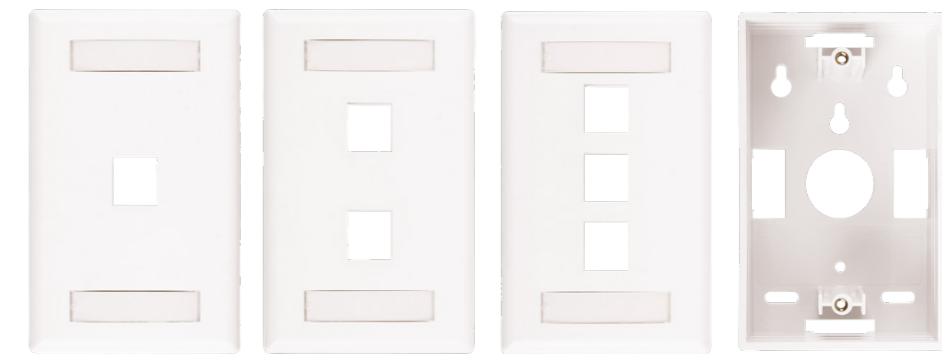
**Warranty:** 1 year

## US style 70x115 mm faceplates and back box



Keystone jacks are not in set and should be ordered separately

US 70x115 mm standard is the main format for USA, Canada, half of Latin American countries, Saudi Arabia, Japan, Taiwan, Thailand, Vietnam, Cambodia and Philippines. Power supply outlets and switches usually have the same dimensions and similar faceplate design.



**In set with faceplates:**  
Marking site with cover – 2 sets  
Bolts – 2 pcs.

**In set with back box:**  
Screws – 2 pcs.

Part number	Surface type	Ports	Supported jacks	Dimensions, mm	Package type
NMC-PL70X115-1PP-WT	Plain	1	Keystone	70x115	PE bag
NMC-PL70X115-2PP-WT	Plain	2	Keystone	70x115	PE bag
NMC-PL70X115-3PP-WT	Plain	3	Keystone	70x115	PE bag
NMC-BB70X115-WT	-	-	-	70x115	PE bag

**Warranty:** 1 year



## French style 45x45 mm inserts

French Mosaic 45x45 mm is one of the most popular socket formats supported by many manufacturers.

Compact size, versatility and successful design makes them leading solution across most countries of Eastern and Western Europe, middle East, Northern and Western African regions.



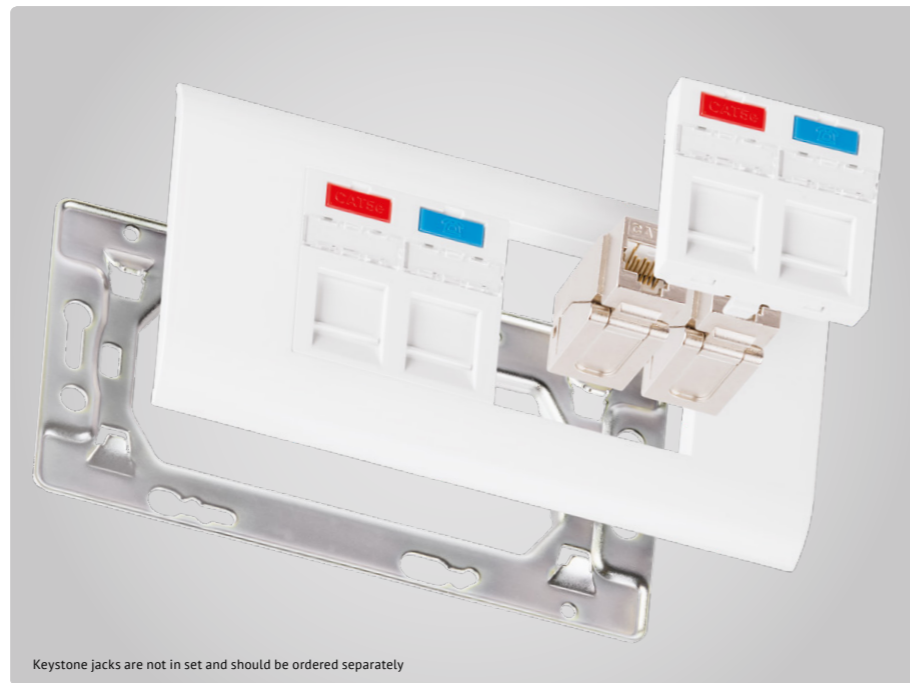
Colored icons for port marking. Marking areas with convenient hinged covers



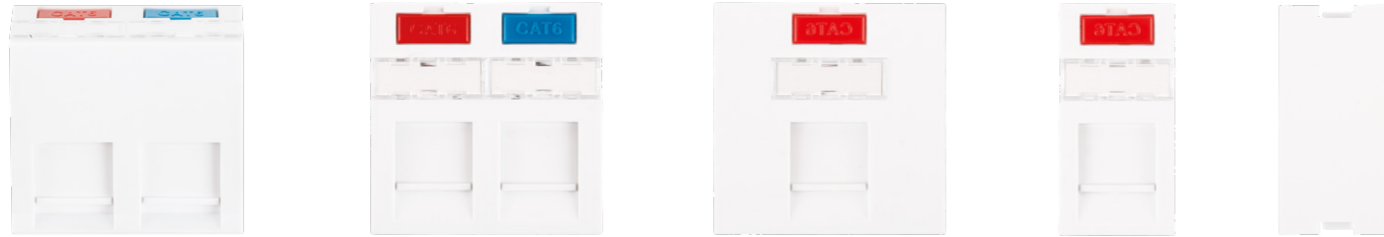
Built-in anti-dust shutter doors to protect from dirt

### Set includes:

Insert – 1 pc.  
Marking sites with covers  
Colored icons, 4 pcs. – 2 sets



Keystone jacks are not in set and should be ordered separately



Part Number	Insert type	Ports	Supported jacks	Size	Dimensions, mm	Package type
NMC-PM2P-AF-WT	Angled	2	Keystone	Full	45x45	PE bag
NMC-PM2P-PF-WT	Plain	2	Keystone	Full	45x45	PE bag
NMC-PM1P-PF-WT	Plain	1	Keystone	Full	45x45	PE bag
NMC-PM1P-PH-WT	Plain	1	Keystone	Half	22.5x45	PE bag
NMC-PM0P-PH-WT	Blank	-	-	Half	22.5x45	PE bag

Warranty: 1 year

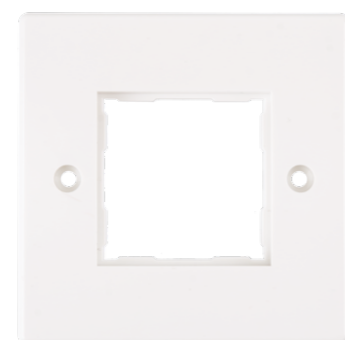
## French style 86x86 mm faceplate and back box



Face plate dimensions correspond to the French Mosaic 45x45 mm format



Back box fits both French and British type faceplates



**Faceplate set includes:**  
Bolts – 2 pcs.  
Bolt hole caps – 2 pcs.



**Back box set includes:**  
Screws – 2 pcs.  
Cable ties – 2 pcs.

Part Number	Type	Supported inserts	Number of inserts	Dimensions, mm	Package
NMC-PL86X86F	Faceplate	Mosaic 45x45 mm	1	86x86x8	PE bag
NMC-BB86X86-WT	Back box	-	-	86x86x38	PE bag

Warranty: 1 year

## French style wall mount faceplates



Face plate dimensions correspond to the French Mosaic 45x45 mm format



Support frame is made from steel. Distance between the mounting screws – 60 mm



The overhang of the front frame can be adjusted within 3 millimeters



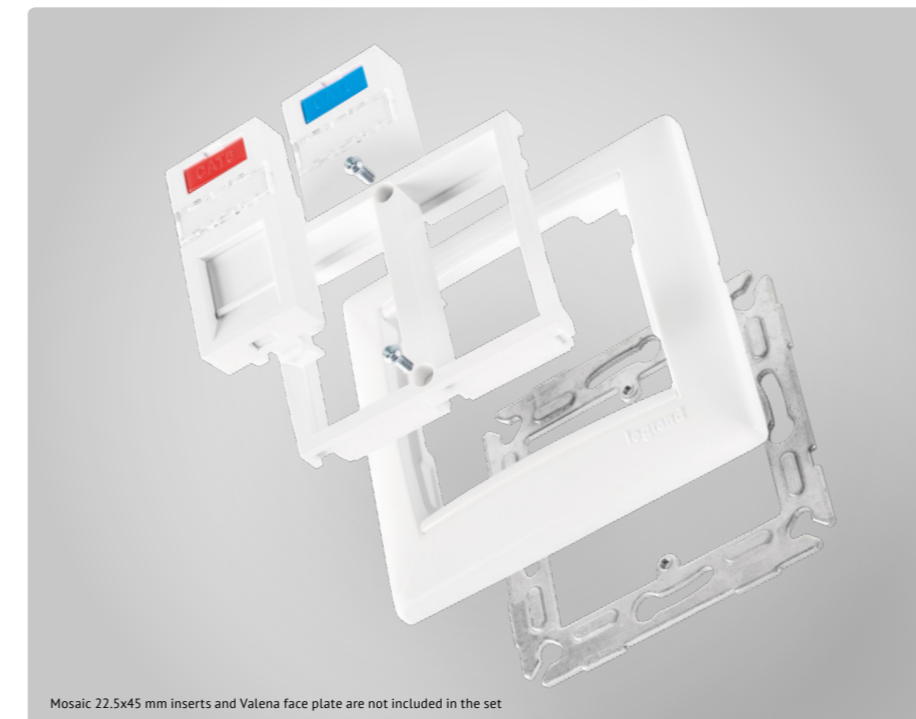
### Set includes:

Faceplate – 1 pc.  
Support frame – 1 pc.

Part Number	Supported inserts	Number of inserts	Dimensions, mm	Package type	Package
NMC-PL1PM-WT	Mosaic 45x45	1	2	80x80x8	PE bag
NMC-PL2PM-WT	Mosaic 45x45	2	4	148x80x8	PE bag
NMC-PL3PM-WT	Mosaic 45x45	3	6	240x80x8	PE bag

Warranty: 1 year

## French style Valena insert frame for two 22.5x45 mm Mosaic inserts

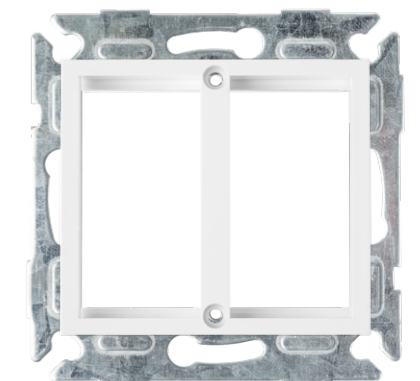


Mosaic 22.5x45 mm inserts and Valena face plate are not included in the set

The adapter panel allows to install two standard Mosaic 22.5x45 mm inserts together with original Legrand Valena accessories.

Thus, it is possible to mount any solution based on keystone modules or originally compatible with the Mosaic format.

The front frame must be the original one.



The mounting frame is made of steel. It is compatible with a standard flush box. Screw hole spacing – 60 mm.



Allows the installation of two standard 22.5x45 mm Mosaic inserts together with Valena series accessories

### Set includes:

Adapter panel – 1 pc.  
Steel mounting frame – 1 pc.  
Screws – 2 pcs.  
Screw hole caps – 2 pcs.

Part Number	Type	Supported inserts	Number of inserts	Dimensions, mm	Package
NMC-PV2MH-WW	Valena compatible insert frame	Mosaic 45x22.5 mm	2	72x72x12	PE bag

Warranty: 1 year

## British style 50x50 mm inserts



British 50x50 mm format outlets are also commonly used around the world. In addition to the British Isles, such outlets can be found in countries of the current and former colonies or other countries influenced by United Kingdom: Southeast Asia, China and Eastern Africa.

Overall design is very similar to French style but with another basic insert size – 50x50 mm. British faceplates are compatible with 86x86mm back boxes



Marking areas with convenient hinged covers

**Set includes:**  
Insert – 1 pc.  
Marking sites with covers – 1 set.

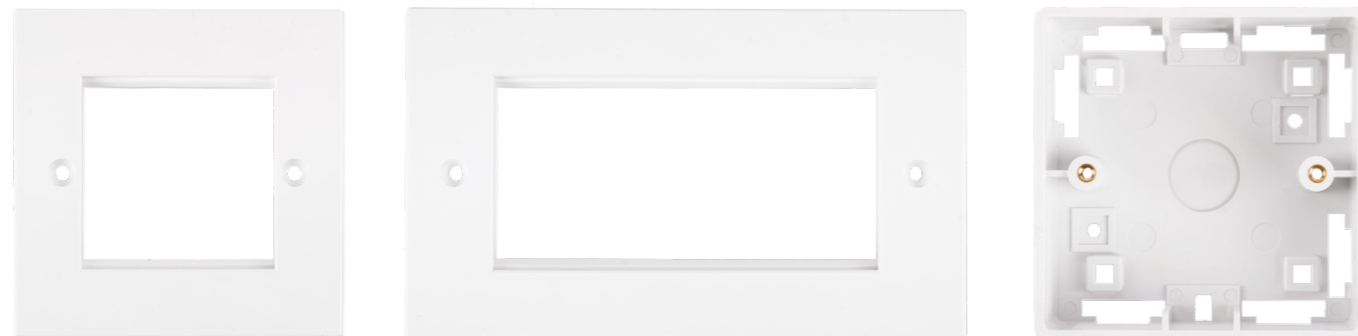
Keystone jacks are not in set and should be ordered separately



Part number	Insert type	Ports	Supported jacks	Size	Dimensions, mm	Package type
NMC-PB1P-PF-WT	Plain	1	Keystone	Full	50x50	PE bag
NMC-PB1P-PH-WT	Plain	1	Keystone	Half	25x50	PE bag
NMC-PB1P-AH-WT	Angled	1	Keystone	Half	25x50	PE bag
NMC-PB0P-PH-WT	Blank	-	-	Quarter, 2 pcs.	12.5x50	PE bag

Warranty: 1 year

## British style 86x86 mm faceplates and back box



**In set with faceplates:**  
Bolts – 2 pcs.

**In set with back box:**  
Cable ties – 2 pcs.

Part number	Item type	Supported inserts	Number of inserts	Dimensions, mm	Package type
NMC-PL1PB-WT	Faceplate	British 50x50 mm	1	86x86x8	PE bag
NMC-PL2PB-WT	Faceplate	British 50x50 mm	2	146x86x8	PE bag
NMC-BB86X86-WT	Back box	-	-	86x86x38	PE bag

Warranty: 1 year

## 86x86 mm faceplates with angled ports



Keystone jacks are not in set and should be ordered separately



**Faceplate set includes:**  
Frame and base plate – 1 pc.  
Marking site with cover – 1 set  
Bolts – 2 pcs.

Part number	Item type	Insert type	Number of ports	Supported jacks	Dimensions, mm	Package type
NMC-FP86X86-1PA-WT	Faceplate	Angled	1	Keystone	86x86x12	PE bag
NMC-FP86X86-2PA-WT	Faceplate	Angled	2	Keystone	86x86x12	PE bag

Warranty: 1 year

## 86x86 mm faceplates with plain ports



Keystone jacks are not in set and should be ordered separately



**Faceplate set includes:**  
Frame and base plate – 1 pc.  
Marking site with cover – 1 set  
Bolts – 2 pcs.

Part number	Item type	Insert type	Number of ports	Supported jacks	Dimensions, mm	Package type
NMC-PL86X86-1PP-WT	Faceplate	Plain	1	Keystone	86x86x12	PE bag
NMC-PL86X86-2PP-WT	Faceplate	Plain	2	Keystone	86x86x12	PE bag
NMC-PL86X86-4PP-WT	Faceplate	Plain	4	Keystone	86x86x12	PE bag

Warranty: 1 year

## Industrial solutions



Modern industrial equipment often requires a connection to a high-speed information network.

Harsh conditions at production site often demand higher requirements to protection of all connection points from dust, moisture, oil and various hazardous reagents. Physical security of connections as well as vibration resistance play an important role here.

NIKOMAX industrial solutions is a set of proven components which was developed to operate in specific conditions of production facilities.

Patch cords are made with a double sheath (thermoplastic over PVC). Outlets are made of specialized high-strength plastic and stainless steel. All fasteners and connections are bayonet or threaded type, with a double waterproof sealing.

Components meet the fire resistance requirements of UL 94V-0 and are fully compliant with IP 67 protection rate of IEC standard 60529.

### IP 67 Wall mount boxes



Made of special oil resistant high-strength plastic and stainless steel



IEC 60529 IP 67 protection rate. Seals provide reliable protection against dust and moisture



Screw type cable glands secure cable entries. Reliable cable fixation and moisture protection. Caps for spare entries protection



Screws & dowels make secure mounting on walls. The design eliminates the ingress of dust & moisture through mounting holes

#### Set includes:

Box with cover – 1 pc.  
Protective caps – 1-3 (one less than the number of ports)  
User manual – 1 pc.



Part number	Ports	Type of supported jacks	Ingress protection	Dimensions, mm	Package type
NMC-MB1P-IS-MT	1	IS Series Jacks for faceplates & wall outlets	IP67	127x127x67	PE bag
NMC-MB2P-IS-MT	2	IS Series Jacks for faceplates & wall outlets	IP67	127x127x67	PE bag
NMC-MB3P-IS-MT	3	IS Series Jacks for faceplates & wall outlets	IP67	127x127x67	PE bag
NMC-MB4P-IS-MT	4	IS Series Jacks for faceplates & wall outlets	IP67	127x127x67	PE bag

Warranty: 1 year

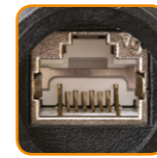
## IP 67 Jacks for faceplates & wall outlets



Reliable and durable bayonet connection, resistant to vibrations and yanks



IEC 60529 IP 67 protection rate. Seals safely protect joint points from dust & moisture. Caps for spare ports protection



50 pinch gold plated spring contacts: min. 750 cycles of insertion/extraction life. Special contacts design for crosstalk reduction



Dual IDC contacts 110/Krone Slots in IDC blades for holding wires before termination



#### Set includes:

Jack & front frame – 1 pc.  
Cover – 1 pc. (STP)  
Wire cap – 1 pc.  
Grounding clip – 1 pc. (STP)  
Nylon tie – 1 pc. (STP)  
Nut & gasket – 1 set  
Socket cap with belt – 1 pc.  
User manual – 1 pc.

Part Number	Cat.	Bandwidth, MHz	Construction	Port type	Gold plating	Ingress protection	Dimensions, mm	IDC wire gauge, AWG	IDC type (termination)	Package
NMC-KJSE2-IS-BK	6	250	Shielded	RJ45/8P8C	50 pinch	IP67	36x36x43	~24-22 AWG	110/KRONE	PE bag
NMC-KJUE2-IS-BK	6	250	Unshielded	RJ45/8P8C	50 pinch	IP67	36x36x34	~24-22 AWG	110/KRONE	PE bag

Warranty: Component – 5 years. System – up to 25 years as part of a certified NIKOMAX SCS

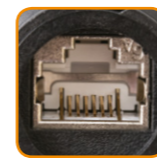
## IP 67 Jacks for standalone cables



Reliable and durable bayonet connection, resistant to vibrations and wrenches



IEC 60529 IP 67 protection rate. Seals safely protect joint points from dust & moisture. Caps for spare ports protection



50 pinch gold plated spring contacts: min. 750 cycles of insertion/extraction life. Special contacts design for crosstalk reduction



Dual IDC contacts 110/Krone Slots in IDC blades for holding wires before termination



#### Set includes:

Jack & front frame – 1 pc.  
Cover – 1 pc. (STP)  
Wire cap – 1 pc.  
Grounding clip – 1 pc. (STP)  
Nylon tie – 1 pc. (STP)  
Back body with gaskets – 1 set  
Socket cap with belt – 1 pc.  
User manual – 1 pc.

Part Number	Cat.	Bandwidth, MHz	Construction	Port type	Gold plating	Ingress protection	Dimensions, mm	IDC wire gauge, AWG	IDC type (termination)	Package
NMC-KJSE2-IS-Pc-BK	6	250	Shielded	RJ45/8P8C	50 pinch	IP67	36x36x125	~24-22 AWG	110/KRONE	PE bag
NMC-KJUE2-IS-Pc-BK	6	250	Unshielded	RJ45/8P8C	50 pinch	IP67	36x36x125	~24-22 AWG	110/KRONE	PE bag

Warranty: Component – 5 years. System – up to 25 years as part of a certified NIKOMAX SCS

## IP 67 Patch cords



Reliable and durable bayonet connection, resistant to vibrations and wrenches



IEC 60529 IP 67 protection rate. Seals safely protect joint points from dust & moisture. Caps for spare ports protection



2 layer jacket: TPE over PVC will give an additional protection against oils and chemicals



50 µinch gold plated contacts: min. 750 cycles of insertion/extraction life



Part Number	Type	Cat.	Conductors		Ingress protection	Length, m	Package
			AWG	Diam., mm			
NMC-PC4SE55B-xxx-IS-BK	F/UTP	6	26	7x0.20	IP67	2.0	PE bag
NMC-PC4UE55B-xxx-IS-BK	U/UTP	6	24	7x0.16	IP67	2.0	PE bag

Warranty: 1 year

## Keystone jack DIN rail mount



Allows to install keystone jacks on commonly used in electric and industrial equipment DIN rail mount



Easy access to jack from a folding base



Built-in anti-dust shutter door for dust protection



Several mounts can be united to one stack. Side plastic covers will provide finished state and relative dust protection

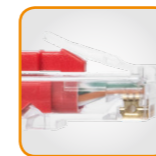


**Set includes:**  
DIN rail mount – 1 pc.  
Marking sites with covers – 1 pc.  
Side covers – 2 pcs.

Part Number	Ports	Supported jacks	Ingress protection	Dimensions, mm	Package
NMC-MB1P-IS-MT	1	Keystone	-	18x70x70 (without caps)	PE bag

Warranty: 1 year

## Patch cords RJ45-RJ45, Lockable



Special lock allows you to block patch cord in the socket, protecting it from accidental or unauthorized disconnection. Particularly relevant for important links



Production is tested with Fluke DSX analyzers on factory. Transmission characteristics of the cords meet component test level



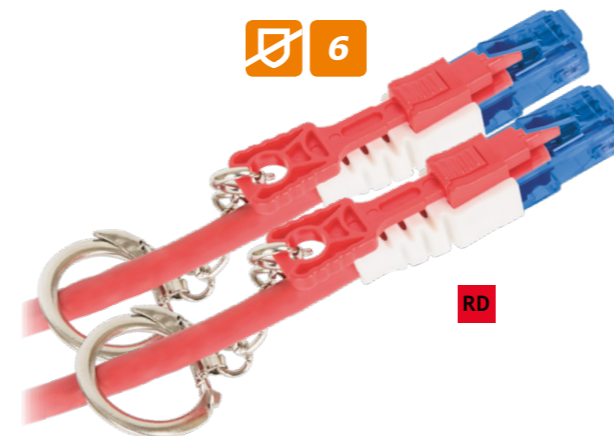
Special contacts design for crosstalk reduction



50 µinch gold plated spring contacts: min. 750 cycles of insertion/extraction life



Special **NMC-RJ-LOCK-RD** cordless plugs can be used to block unoccupied ports and protect them from unauthorized connection



**NMC-RJ-KEY-RD** key is not included in the standard set of patch cord and lockable insert and should be ordered separately. Make sure you have a couple of spare keys in case of losing the main one

Part Number	Description	Package
NMC-RJ-LOCK-RD	Lockable insert to block RJ45 port	PE bag
NMC-RJ-KEY-RD	Key for lockable cords and inserts	PE bag

Warranty: 1 year

Part Number	Type	Cat.	Connectors		Conductors		Jacket			Package
			Type	Gold plating	AWG	Diameter, mm	Type	Diameter, mm	Color	
NMC-PC4UE55B-xxx-CS-RD	U/UTP	6	RJ45/8P8C	50 µinch	24	7 x 0.205	LSZH	6.0 ± 0.3	Red	PE bag
NMC-PC4UD55B-xxx-CS-RD	U/UTP	5e	RJ45/8P8C	50 µinch	24	7 x 0.205	LSZH	5.5 ± 0.3	Red	PE bag

Warranty: 1 year

xxx – length. Available lengths are: 0.5, 1.0, 1.5, 2.0, 3.0 meters. Marking '015' in part number means 1.5 meters.

## Patch cords RJ45-RJ45, Standard



Production is tested with Fluke DSX analyzers on factory. Transmission characteristics of the cords meet component test level



Special contacts design for crosstalk reduction



50 µinch gold plated spring contacts: min. 750 cycles of insertion/extraction life



Molded boots with latch protection prevent the latch from being broken, prolonging connectors life span



GY



GY



GY



GY



GY

WT BK  
BL GN YL RD



GY

WT BK  
BL GN YL RD

Part Number	Type	Cat.	Connectors		Conductors		Jacket			Package
			Type	Gold plating	AWG	Diameter, mm	Type	Diameter, mm	Color	
NMC-PC4SA55B-xxx-C-GY	S/FTP	6 <sub>A</sub>	RJ45/8P8C	50 µinch	26	7 x 0.165	LSZH	6.2 ± 0.3	Gray	PE bag
NMC-PC4UA55B-xxx-C-GY	S/FTP	6 <sub>A</sub>	RJ45/8P8C	50 µinch	26	7 x 0.205	LSZH	6.0 ± 0.3	Gray	PE bag
NMC-PC4SE55B-xxx-C-GY	S/FTP	6	RJ45/8P8C	50 µinch	26	7 x 0.165	LSZH	6.2 ± 0.3	Gray	PE bag
NMC-PC4UE55B-xxx-C-zz	U/UTP	6	RJ45/8P8C	50 µinch	24	7 x 0.205	LSZH	6.0 ± 0.3	7 colors	PE bag
NMC-PC4SD55B-xxx-C-GY	F/UTP	5e	RJ45/8P8C	50 µinch	26	7 x 0.165	LSZH	6.0 ± 0.3	Gray	PE bag
NMC-PC4UD55B-xxx-C-zz	U/UTP	5e	RJ45/8P8C	50 µinch	24	7 x 0.205	LSZH	5.5 ± 0.3	7 colors	PE bag

Warranty: 1 year

All patch cords listed above are available with both PVC and LSZH jacket types. Part Numbers in the table are signed for LSZH jacket. PVC patch cords differ by the loss of the 'C' index in the end of PN. E.g.: NMC-PC4SA55B-015-GY

xxx – length. Available lengths are: 0.3, 0.5, 1.0, 1.5, 2.0, 3.0, 5.0, 7.5, 10, 15, 20 meters. Marking '015' in part number means 1.5 meters.

zz – outer jacket color. Available colors are shown below the pictures.

## Patch cords RJ45-RJ45, Essential



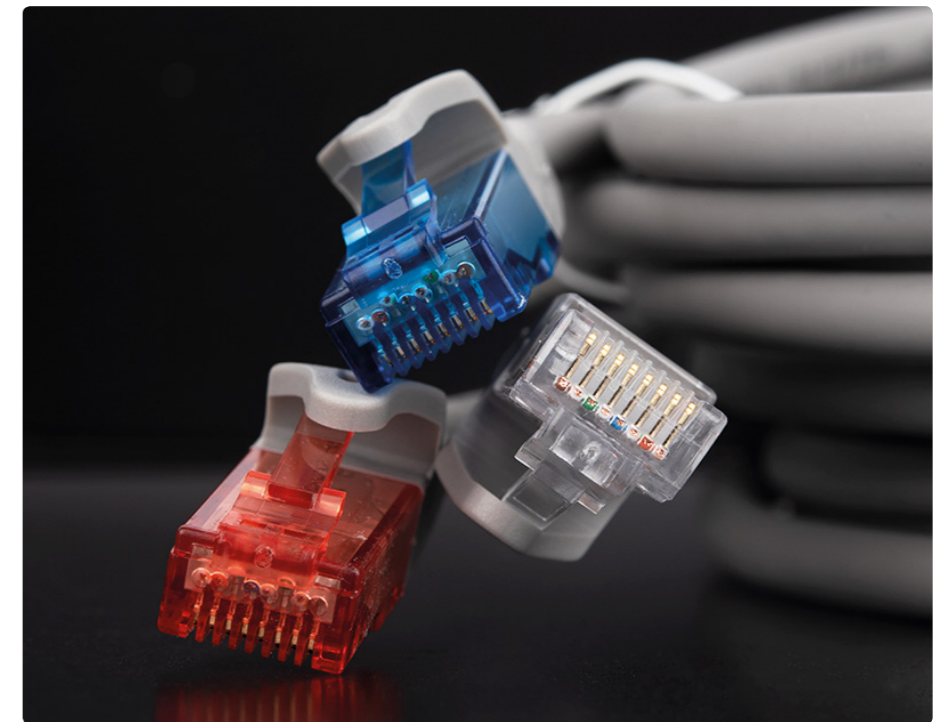
Despite of cost-effectiveness, Essential patch cords are as efficient as their analogues and provide good performance for stable operation of the channel



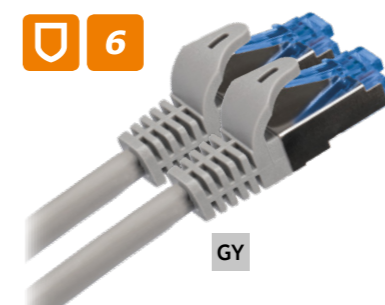
50 µinch gold plated spring contacts: min. 750 cycles of insertion/extraction life



Molded boots with latch protection prevent the latch from being broken, prolonging connectors life span



GY



GY



GY



GY



GY



GY

Part Number	Type	Cat.	Connectors		Conductors		Jacket			Package
			Type	Gold plating	AWG	Diameter, mm	Type	Diameter, mm	Color	
NMC-PC4SA55B-ES-xxx-C-GY	S/FTP	6 <sub>A</sub>	RJ45/8P8C	50 µinch	26	7 x 0.150	LSZH	5.5 ± 0.3	Dark-gray	PE bag
NMC-PC4UA55B-ES-xxx-C-GY	U/UTP	6 <sub>A</sub>	RJ45/8P8C	50 µinch	26	7 x 0.175	LSZH	5.5 ± 0.3	Dark-gray	PE bag
NMC-PC4SE55B-ES-xxx-C-GY	S/FTP	6	RJ45/8P8C	50 µinch	26	7 x 0.150	LSZH	5.5 ± 0.3	Dark-gray	PE bag
NMC-PC4UE55B-ES-xxx-C-GY	U/UTP	6	RJ45/8P8C	50 µinch	26	7 x 0.175	LSZH	5.5 ± 0.3	Dark-gray	PE bag
NMC-PC4SD55B-ES-xxx-C-GY	F/UTP	5e	RJ45/8P8C	50 µinch	26	7 x 0.150	LSZH	4.5 ± 0.3	Dark-gray	PE bag
NMC-PC4UD55B-ES-xxx-C-GY	U/UTP	5e	RJ45/8P8C	50 µinch	26	7 x 0.175	LSZH	4.5 ± 0.3	Dark-gray	PE bag

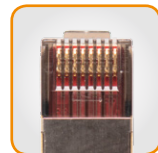
Warranty: 1 year

xxx – length. Available lengths are: 0.3, 0.5, 1.0, 1.5, 2.0, 3.0, 5.0 meters. Marking '015' in part number means 1.5 meters.

## Patch cords RJ45-RJ45, Category 8.1



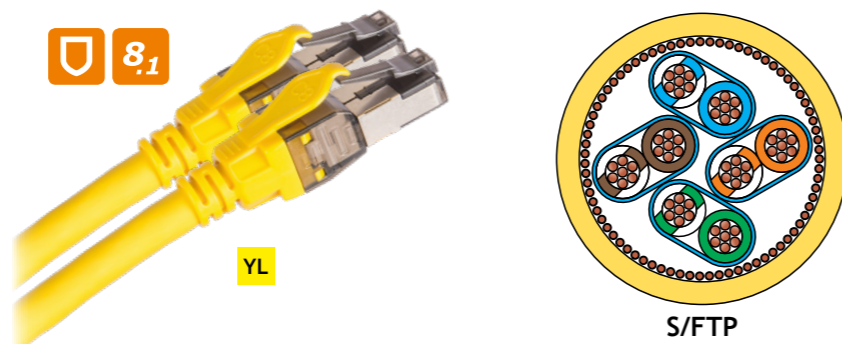
Production is tested with Fluke DSX analyzers on factory. Transmission characteristics of the cords meet component test level



50 pinch gold plated spring contacts: min. 750 cycles of insertion/extraction life. Special contacts design for crosstalk reduction



Molded boots with latch protection prevent the latch from being broken, prolonging connectors life span



Part Number	Type	Cat.	Conductors		Jacket	Length, m
			AWG	OD, mm		
NMC-PC4SI55B-010-C-YL	S/FTP	8.1	24	7 x 0.195	LSZH	1.0
NMC-PC4SI55B-020-C-YL	S/FTP	8.1	24	7 x 0.165	LSZH	2.0
NMC-PC4SI55B-030-C-YL	S/FTP	8.1	24	7 x 0.165	LSZH	3.0
NMC-PC4SI55B-050-C-YL	S/FTP	8.1	24	7 x 0.165	LSZH	5.0

Warranty: 1 year

## Field termination RJ45 plug, Category 8.1



Fast and convenient termination. Nut mounting provides secure connection between cable and plug



Toolless design. No need in special equipment for jack termination. It is desirable to have only a precise cutters



Set includes:  
Plug – 1 pc.  
Insert – 1 pc.  
Shank – 1 pc.  
Protecting boot – 1 pc.  
User manual – 1 pc.

Part Number	Cat.	Bandwidth, MHz	Construction	Plug type	Gold plating	Dimensions, mm	IDC wire gauge, AWG	IDC type (termination)	Package
NMC-RJ88SI2-NT-MT	8.1	2000	Shielded	RJ45/8P8C	50 µinch	14x18x56 mm	~24-22 AWG	Toolless	PE bag

Warranty: Component – 5 years. System – up to 25 years as part of a certified NIKOMAX SCS

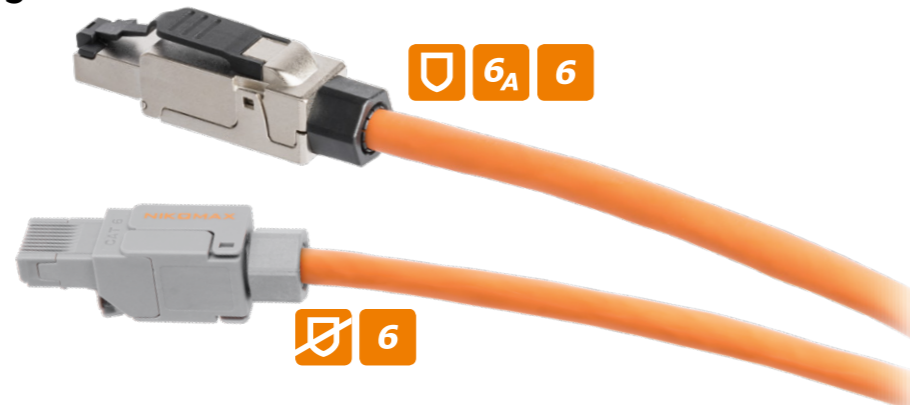
## Field termination RJ45 plugs



Fast and convenient termination. Nut mounting provides secure connection between cable and plug



Toolless design. No need in special equipment for jack termination. It is desirable to have only a precise cutters



Part Number	Plug type	Type	Cat.	Bandwidth, MHz	Blades type	Gold plating	IDC wire gauge, AWG	Termination type	Package	
									Type	Quantity
NMC-RJ88SA2-NT-MT	RJ45/8P8C	STP	6 <sub>A</sub>	500	Universal	50 µinch	26–23	Toolless	PE bag	1 pc.
NMC-RJ88SE2-NT-MT	RJ45/8P8C	STP	6	250	Universal	50 µinch	26–23	Toolless	PE bag	1 pc.
NMC-RJ88UE2-NT-GY	RJ45/8P8C	UTP	6	250	Universal	50 µinch	26–23	Toolless	PE bag	1 pc.

Warranty: 1 year

## RJ45 plugs



**NMC-RJ88RZ50SE1-100**  
RJ45/8P8C, Cat.6, STP, 50 µinch, universal blades, round cable input



**NMC-RJ88RZ50UE3-100**  
RJ45/8P8C, Cat.6, UTP, 50 µinch, with insert, universal blades, round cable input



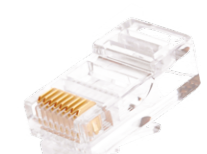
**NMC-RJ88RZ50SD1-100**  
RJ45/8P8C, Cat.5e, STP, 50 µinch, universal blades, round cable input



**NMC-RJ88RZ50UD2-100**  
RJ45/8P8C, Cat.5e, UTP, 50 µinch, with insert, universal blades, round cable input



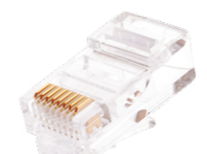
**NMC-RJ88RZ50UD1-100**  
RJ45/8P8C, Cat.5e, UTP, 50 µinch, universal blades, round cable input



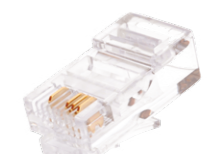
**NMC-RJ88RZ06UD1-100**  
RJ45/8P8C, Cat.5e, UTP, 6 µinch, universal blades, round cable input



**NMC-RJ88RE50UD1-100**  
RJ45/8P8C, Cat.5e, UTP, 50 µinch, for stranded wires, round cable input



**NMC-RJ88RE06UD1-100**  
RJ45/8P8C, Cat.5e, UTP, 6 µinch, for stranded wires, round cable input



**NMC-RJ84FZ06UD1-100**  
RJ45/8P4C, Cat.5, UTP, 6 µinch, universal blades, flat cable input

Part Number	Plug type	Type	Cat.	Band., MHz	Blades type	Gold plating	Compatible cables OD		Additional features	Package	
							By conductors	By insulation		Type	Quantity
NMC-RJ88RZ50SE1-100	RJ45/8P8C	STP	6	250	Universal	50 µinch	26–23 AWG	0.96–1.10 mm	Round cable input	PE bag	100 pcs.
NMC-RJ88RZ50UE3-100	RJ45/8P8C	UTP	6	250	Universal	50 µinch	26–23 AWG	0.96–1.10 mm	Round, with insert	PE bag	100 pcs.
NMC-RJ88RZ50SD1-100	RJ45/8P8C	STP	5e	100	Universal	50 µinch	26–24 AWG	0.96–1.02 mm	Round cable input	PE bag	100 pcs.
NMC-RJ88RZ50UD2-100	RJ45/8P8C	UTP	5e	100	Universal	50 µinch	26–24 AWG	0.96–1.02 mm	Round, with insert	PE bag	100 pcs.
NMC-RJ88RZ50UD1-100	RJ45/8P8C	UTP	5e	100	Universal	50 µinch	26–24 AWG	0.96–1.02 mm	Round cable input	PE bag	100 pcs.
NMC-RJ88RZ06UD1-100	RJ45/8P8C	UTP	5e	100	Universal	6 µinch	26–24 AWG	0.96–1.02 mm	Round cable input	PE bag	100 pcs.
NMC-RJ88RE50UD1-100	RJ45/8P8C	UTP	5e	100	Stranded	50 µinch	26–24 AWG	0.96–1.02 mm	Round cable input	PE bag	100 pcs.
NMC-RJ88RE06UD1-100	RJ45/8P8C	UTP	5e	100	Stranded	6 µinch	26–24 AWG	0.96–1.02 mm	Round cable input	PE bag	100 pcs.
NMC-RJ84FZ06UD1-100	RJ45/8P4C	UTP	5	100	Universal	6 µinch	26–24 AWG	0.96–1.02 mm	Flat, pins 1, 2, 3, 6	PE bag	100 pcs.

NMC-RJ88RZ50SE1-100 are not compatible with solid STP Cat.6 cables because of their large OD. Please use Field termination plugs in this case

## Protective boots for RJ45 plugs



Design similar to NIKOMAX molded boots. Increasing convenience in work, prolongs lifetime of a patch cord



Minimal form factor, just slightly increasing bare plug width

Part Number	Compatible plugs	Max cable OD	Package	
			Type	Quantity
NMC-RJBOOT55B-TR-100	RJ45	5.5 mm	PE bag	100 pcs.
NMC-RJBOOT65B-TR-100	RJ45	6.5 mm	PE bag	100 pcs.

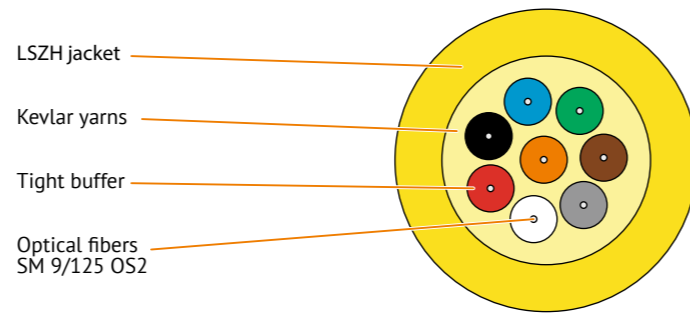
Warranty: 1 year

## NIKOLAN fiber optic distribution cables with Kevlar yarns, indoor



NKL-F-008S9K-00C-YL

SM 9/125, OS2, LSZH, 1000 m



### Color identification of fiber optics

Fiber No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Color identification	Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow	Purple	Pink	Cyan	Dark Blue	Dark Orange	Dark Green	Dark Brown	Dark Grey	Dark White	Dark Red	Dark Black	Dark Yellow	Dark Purple	Dark Pink	Dark Cyan	Dark Blue

### Order table

Part number	Fibers	Max. tensile strength, kN	Optical Fibers			Outer Jacket				Length, m	Package type
			Type	Class	Buffer, μm	Material	CPR Class	OD, mm	Color		
NKL-F-xxxS9K-00C-YL	2   4   8	0,44	SM 9/125	OS2 & G,652.D	900 ± 25	LSZH	Eca	3.6   4.8   5.5	Yellow	2000	Drum
	12   24	0,66	SM 9/125	OS2 & G,652.D	900 ± 25	LSZH	Eca	6.5   7.0   7.8	Yellow	2000	Drum
NKL-F-xxxM2K-00C-OR	2   4   8	0,44	MM 50/125	OM2	900 ± 25	LSZH	Eca	3.6   4.8   5.5	Orange	2000	Drum
	12   24	0,66	MM 50/125	OM2	900 ± 25	LSZH	Eca	6.5   7.0   7.8	Orange	2000	Drum
NKL-F-xxxM3K-00C-AQ	2   4   8	0,44	MM 50/125	OM3	900 ± 25	LSZH	Eca	3.6   4.8   5.5	Aqua	2000	Drum
	12   24	0,66	MM 50/125	OM3	900 ± 25	LSZH	Eca	6.5   7.0   7.8	Aqua	2000	Drum
NKL-F-xxxM4K-00C-MG	2   4   8	0,44	MM 50/125	OM4	900 ± 25	LSZH	Eca	3.6   4.8   5.5	Magenta	2000	Drum
	12   24	0,66	MM 50/125	OM4	900 ± 25	LSZH	Eca	6.5   7.0   7.8	Magenta	2000	Drum

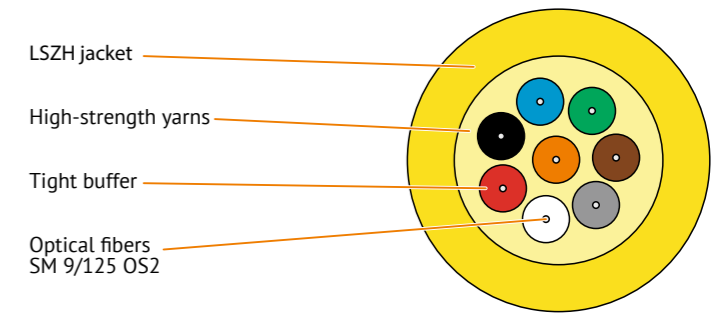
Warranty: Component – 5 years. System – 25 years as part of a certified NIKOMAX SCS

## NIKOLAN fiber optic distribution cables with high-strength yarns, indoor



NKL-F-008S2I-00C-YL

SM 9/125, OS2, LSZH, 1000 m



### Color identification of fiber optics

Fiber No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Color identification	Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow	Purple	Pink	Cyan	Dark Blue	Dark Orange	Dark Green	Dark Brown	Dark Grey	Dark White	Dark Red	Dark Black	Dark Yellow	Dark Purple	Dark Pink	Dark Cyan	Dark Blue

### Order table

Part number	Fibers	Max. tensile strength, kN	Optical Fibers			Outer Jacket				Length, m	Package type
			Type	Class	Buffer, μm	Material	CPR Class	OD, mm	Color		
NKL-F-xxxS2I-00C-YL	2   4   8	0,44	SM 9/125	OS2 & G,652.D	900 ± 25	LSZH	Eca	3.6   4.8   5.5	Yellow	2000	Drum
	12   24	0,66	SM 9/125	OS2 & G,652.D	900 ± 25	LSZH	Eca	6.5   7.0   7.8	Yellow	2000	Drum
NKL-F-xxxM2I-00C-OR	2   4   8	0,44	MM 50/125	OM2	900 ± 25	LSZH	Eca	3.6   4.8   5.5	Orange	2000	Drum
	12   24	0,66	MM 50/125	OM2	900 ± 25	LSZH	Eca	6.5   7.0   7.8	Orange	2000	Drum
NKL-F-xxxM3I-00C-AQ	2   4   8	0,44	MM 50/125	OM3	900 ± 25	LSZH	Eca	3.6   4.8   5.5	Aqua	2000	Drum
	12   24	0,66	MM 50/125	OM3	900 ± 25	LSZH	Eca	6.5   7.0   7.8	Aqua	2000	Drum
NKL-F-xxxM4I-00C-MG	2   4   8	0,44	MM 50/125	OM4	900 ± 25	LSZH	Eca	3.6   4.8   5.5	Magenta	2000	Drum
	12   24	0,66	MM 50/125	OM4	900 ± 25	LSZH	Eca	6.5   7.0   7.8	Magenta	2000	Drum

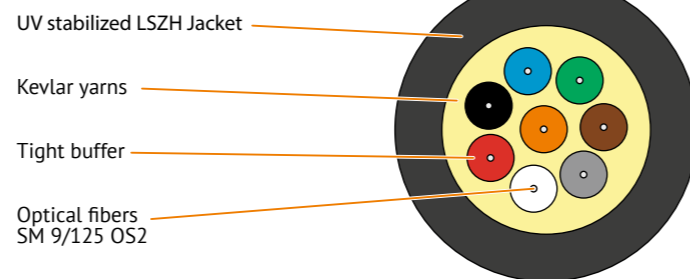
Warranty: Component – 5 years. System – 25 years as part of a certified NIKOMAX SCS

## NIKOLAN fiber optic distribution cables with Kevlar yarns, universal



NKL-F-008S9K-00C-BK

SM 9/125, UV-LSZH, 1000 m



### Color identification of fiber optics

Fiber No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Color identification	Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow	Purple	Pink	Cyan	Dark Blue	Dark Orange	Dark Green	Dark Brown	Dark Grey	Dark White	Dark Red	Dark Black	Dark Yellow	Dark Purple	Dark Pink	Dark Cyan	Dark Blue

### Order table

Part number	Fibers	Max. tensile strength, kN	Optical Fibers			Outer Jacket				Length, m	Package type
			Type	Class	Buffer, μm	Material	CPR Class	OD, mm	Color		
NKL-F-xxxS9K-00U-BK	2   4   8	0,44	SM 9/125	OS2 & G,652.D	900 ± 25	UV-LSZH -40°C	Eca	3.6   4.8   5.5	Black	2000	Drum
	12   24	0,66	SM 9/125	OS2 & G,652.D	900 ± 25	UV-LSZH -40°C	Eca	6.5   7.0   7.8	Black	2000	Drum
NKL-F-xxxM2K-00U-BK	2   4   8	0,44	MM 50/125	OM2	900 ± 25	UV-LSZH -40°C	Eca	3.6   4.8   5.5	Black	2000	Drum
	12   24	0,66	MM 50/125	OM2	900 ± 25	UV-LSZH -40°C	Eca	6.5   7.0   7.8	Black	2000	Drum
NKL-F-xxxM3K-00U-BK	2   4   8	0,44	MM 50/125	OM3	900 ± 25	UV-LSZH -40°C	Eca	3.6   4.8   5.5	Black	2000	Drum
	12   24	0,66	MM 50/125	OM3	900 ± 25	UV-LSZH -40°C	Eca	6.5   7.0   7.8	Black	2000	Drum
NKL-F-xxxM4K-00U-BK	2   4   8	0,44	MM 50/125	OM4	900 ± 25	UV-LSZH -40°C	Eca	3.6   4.8   5.5	Black	2000	Drum
	12   24	0,66	MM 50/125	OM4	900 ± 25	UV-LSZH -40°C	Eca	6.5   7.0   7.8	Black	2000	Drum

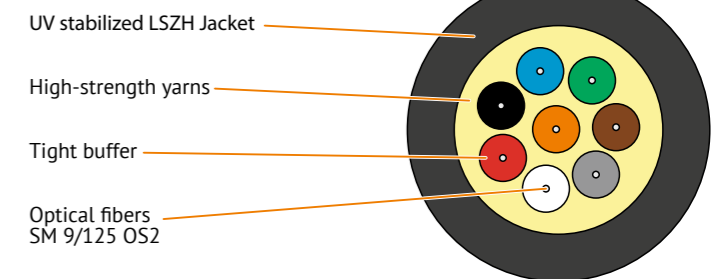
Warranty: Component – 5 years. System – 25 years as part of a certified NIKOMAX SCS

## NIKOLAN fiber optic distribution cables with high-strength yarns, universal



NKL-F-008S2I-00U-BK

SM 9/125, UV-LSZH, 1000 m



### Color identification of fiber optics

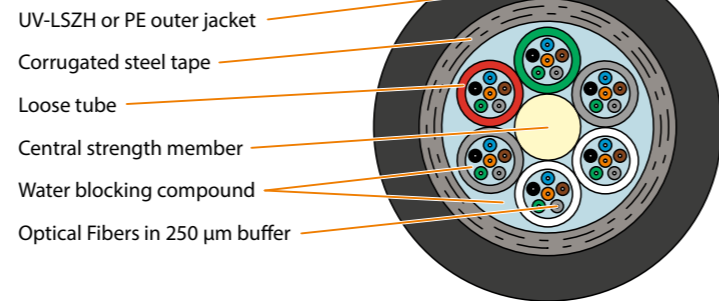
Fiber No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Color identification	Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow	Purple	Pink	Cyan	Dark Blue	Dark Orange	Dark Green	Dark Brown	Dark Grey	Dark White	Dark Red	Dark Black	Dark Yellow	Dark Purple	Dark Pink	Dark Cyan	Dark Blue

### Order table

Part number	Fibers	Max. tensile strength, kN	Optical Fibers			Outer Jacket				Length, m	Package type
			Type	Class	Buffer, μm	Material	CPR Class	OD, mm	Color		
NKL-F-xxxS2I-00U-BK	2   4   8	0,44	SM 9/125	OS2 & G,652.D	900 ± 25	UV-LSZH -40°C	Eca	3.6   4.8   5.5	Black	2000	Drum
	12   24	0,66	SM 9/125	OS2 & G,652.D	900 ± 25	UV-LSZH -40°C	Eca	6.5   7.0   7.8	Black	2000	Drum
NKL-F-xxxM2I-00U-BK	2   4   8	0,44	MM 50/125	OM2	900 ± 25	UV-LSZH -40°C	Eca	3.6   4.8   5.5	Black	2000	Drum
	12   24	0,66	MM 50/125	OM2	900 ± 25	UV-LSZH -40°C	Eca	6.5   7.0   7.8	Black	2000	Drum
NKL-F-xxxM3I-00U-BK	2   4   8	0,44	MM 50/125	OM3	900 ± 25	UV-LSZH -40°C	Eca	3.6   4.8   5.5	Black	2000	Drum
	12   24	0,66	MM 50/125	OM3	900 ± 25	UV-LSZH -40°C	Eca	6.5   7.0   7.8	Black	2000	Drum
NKL-F-xxxM4I-00U-BK	2   4   8	0,44	MM 50/125	OM4	900 ± 25	UV-LSZH -40°C	Eca	3.6   4.8   5.5	Black	2000	Drum
	12   24	0,66	MM 50/125	OM4	900 ± 25	UV-LSZH -40°C	Eca	6.5   7.0   7.8	Black	2000	Drum

Warranty: Component – 5 years. System – 25 years as part of a certified NIKOMAX SCS

## NIKOLAN fiber optic cables: multi loose tube & corrugated steel tape



**NKL-F-036S2MT-01U-BK**  
SM 9/125, OS2, 1.5 kH, UV-LSZH, 1000 m

### Color identification of fiber optics

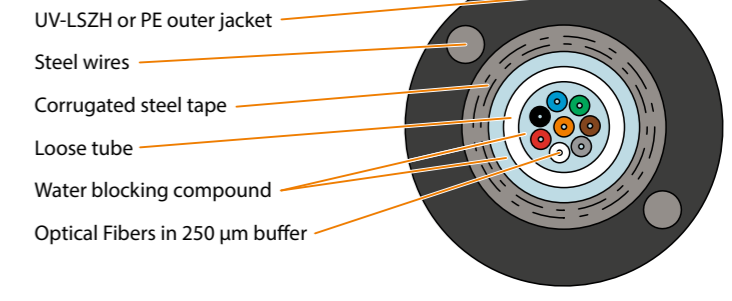
Fiber number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Color marking	Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow	Purple	Pink	Cyan	Dark Blue	Dark Orange	Dark Green	Dark Brown	Dark Grey	Dark White	Dark Red	Dark Black	Dark Yellow	Dark Purple	Dark Pink	Dark Cyan

### Order table

Part Number	Fibers	Max. tensile strength, kH	Optical Fiber			Outer Jacket			Length, m	Package
			Type	Class	Buffer, nm	Material	CPR Class	Color		
NKL-F-xxxS2MT-01U-BK	36   48   96	1.0	SM 9/125	OS2 & G.652.D	250	UV-LSZH -40°C	Fca	Black	1000	Drum
NKL-F-xxxMzMT-01U-BK		1.0	MM 50/125	OM2   OM3   OM4	250	UV-LSZH -40°C	Fca	Black	1000	Drum
NKL-F-xxxS2MT-01B-BK	36   48   96	1.0	SM 9/125	OS2 & G.652.D	250	PE -40°C	Fca	Black	1000	Drum
NKL-F-xxxMzMT-01B-BK		1.0	MM 50/125	OM2   OM3   OM4	250	PE -40°C	Fca	Black	1000	Drum

**Warranty:** Component – 5 years. System – up to 25 years as part of a certified NIKOMAX SCS

## NIKOLAN fiber optic cables: loose tube & corrugated steel tape



**NKL-F-008S2T-01U-BK**  
SM 9/125, OS2, 1.5 kH, UV-LSZH, 1000 m

### Color identification of fiber optics

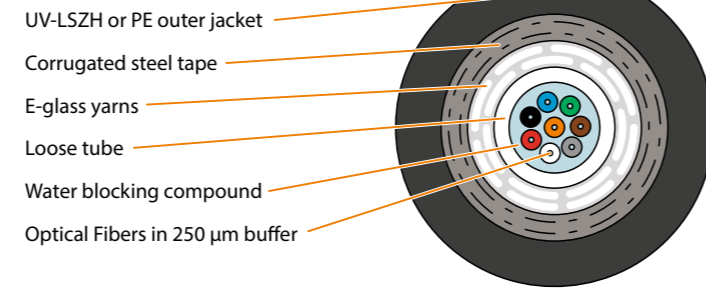
Fiber number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Color marking	Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow	Purple	Pink	Cyan	Dark Blue	Dark Orange	Dark Green	Dark Brown	Dark Grey	Dark White	Dark Red	Dark Black	Dark Yellow	Dark Purple	Dark Pink	Dark Cyan

### Order table

Part Number	Fibers	Max. tensile strength, kH	Optical Fiber			Outer Jacket			Length, m	Package
			Type	Class	Buffer, nm	Material	CPR Class	Color		
NKL-F-xxxS2T-01U-BK	2   4   8	1.0	SM 9/125	OS2 & G.652.D	250	UV-LSZH -40°C	Fca	Black	1000	Drum
NKL-F-xxxMzT-01U-BK	12   16	1.0	MM 50/125	OM2   OM3   OM4	250	UV-LSZH -40°C	Fca	Black	1000	Drum
NKL-F-xxxS2T-01B-BK	2   4   8	1.0	SM 9/125	OS2 & G.652.D	250	PE -40°C	Fca	Black	1000	Drum
NKL-F-xxxMzT-01B-BK	12   16	1.0	MM 50/125	OM2   OM3   OM4	250	PE -40°C	Fca	Black	1000	Drum

**Warranty:** Component – 5 years. System – up to 25 years as part of a certified NIKOMAX SCS

## NIKOLAN fiber optic cables: loose tube, e-glass yarns & corrugated steel tape



**NKL-F-008S2TG-02U-BK**  
SM 9/125, OS2, 1.5 kH, UV-LSZH, 1000 m

### Color identification of fiber optics

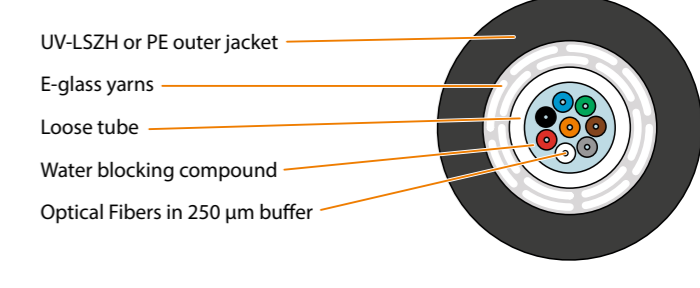
Fiber number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Color marking	Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow	Purple	Pink	Cyan	Dark Blue	Dark Orange	Dark Green	Dark Brown	Dark Grey	Dark White	Dark Red	Dark Black	Dark Yellow	Dark Purple	Dark Pink	Dark Cyan

### Order table

Part Number	Fibers	Max. tensile strength, kH	Optical Fiber			Outer Jacket			Length, m	Package
			Type	Class	Buffer, nm	Material	CPR Class	Color		
NKL-F-xxxS2TG-02U-BK	2   4   8   12   16   24	1.0	SM 9/125	OS2 & G.652.D	250	UV-LSZH -40°C	Eca	Black	1000	Drum
NKL-F-xxxMzTG-02U-BK		1.0	MM 50/125	OM2   OM3   OM4	250	UV-LSZH -40°C	Eca	Black	1000	Drum
NKL-F-xxxS2TG-02B-BK	2   4   8   12   16   24	1.0	SM 9/125	OS2 & G.652.D	250	PE -40°C	Fca	Black	1000	Drum
NKL-F-xxxMzTG-02B-BK		1.0	MM 50/125	OM2   OM3   OM4	250	PE -40°C	Fca	Black	1000	Drum

**Warranty:** Component – 5 years. System – up to 25 years as part of a certified NIKOMAX SCS

## NIKOLAN fiber optic cables: loose tube & e-glass yarns



**NKL-F-008S2G-01U-BK**  
SM 9/125, OS2, 1.5 kH, UV-LSZH, 1000 m

### Color identification of fiber optics

Fiber number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Color marking	Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow	Purple	Pink	Cyan	Dark Blue	Dark Orange	Dark Green	Dark Brown	Dark Grey	Dark White	Dark Red	Dark Black	Dark Yellow	Dark Purple	Dark Pink	Dark Cyan

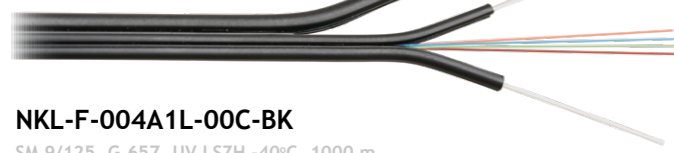
### Order table

Part Number	Fibers	Max. tensile strength, kH	Optical Fiber			Outer Jacket			Length, m	Package
			Type	Class	Buffer, nm	Material	CPR Class	Color		
NKL-F-xxxS2G-01U-BK	2   4   8   12   16   24	1.0	SM 9/125	OS2 & G.652.D	250	UV-LSZH -40°C	Eca	Black	1000	Drum
NKL-F-xxxMzG-01U-BK		1.0	MM 50/125	OM2   OM3   OM4	250	UV-LSZH -40°C	Eca	Black	1000	Drum
NKL-F-xxxS2G-01B-BK	2   4   8   12   16   24	1.0	SM 9/125	OS2 & G.652.D	250	PE -40°C	Fca	Black	1000	Drum
NKL-F-xxxMzG-01B-BK		1.0	MM 50/125	OM2   OM3   OM4	250	PE -40°C	Fca	Black	1000	Drum

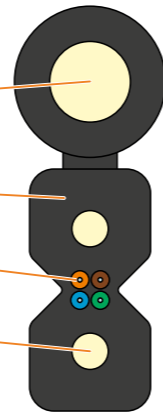
**Warranty:** Component – 5 years. System – up to 25 years as part of a certified NIKOMAX SCS



## NIKOLAN fiber optic FTTx cables with fiberglass rods and messenger



Fiberglass messenger  
UV-LSZH outer jacket  
Optical Fibers in 250 μm buffer  
Fiberglass rods



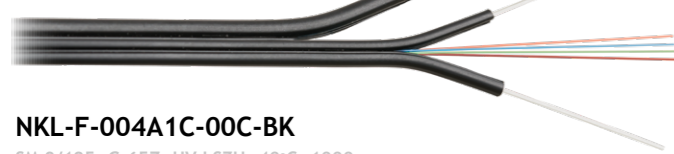
**NKL-F-004A1L-00C-BK**

SM 9/125, G.657, UV LSZH -40°C, 1000 m

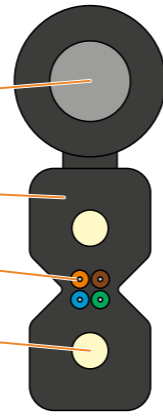
Part Number	Fibers	Max. tensile strength, kH	Optical Fiber			Outer Jacket				Length, m	Package
			Type	Class	Buffer, nm	Material	CPR Class	OD, mm	Color		
NKL-F-001A1L-00C-BK	1	0.6	SM 9/125	G.657.A1 & G.652.D	250	UV-LSZH -40°C	Fca	2 x 5.1	Black	1000	Drum
NKL-F-002A1L-00C-BK	2	0.6	SM 9/125	G.657.A1 & G.652.D	250	UV-LSZH -40°C	Fca	2 x 5.1	Black	1000	Drum
NKL-F-004A1L-00C-BK	4	0.6	SM 9/125	G.657.A1 & G.652.D	250	UV-LSZH -40°C	Fca	2 x 5.1	Black	1000	Drum

Warranty: 1 year

## NIKOLAN fiber optic FTTx cables with fiberglass rods, steel messenger



Steel messenger  
UV-LSZH outer jacket  
Optical Fibers in 250 μm buffer  
Fiberglass rods



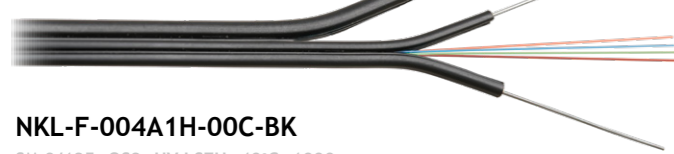
**NKL-F-004A1C-00C-BK**

SM 9/125, G.657, UV LSZH -40°C, 1000 m

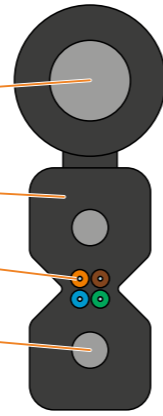
Part Number	Fibers	Max. tensile strength, kH	Optical Fiber			Outer Jacket				Length, m	Package
			Type	Class	Buffer, nm	Material	CPR Class	OD, mm	Color		
NKL-F-001A1C-00C-BK	1	0.2	SM 9/125	G.657.A1 & G.652.D	250	UV-LSZH -40°C	Fca	2 x 3	Black	1000	Drum
NKL-F-002A1C-00C-BK	2	0.2	SM 9/125	G.657.A1 & G.652.D	250	UV-LSZH -40°C	Fca	2 x 3	Black	1000	Drum
NKL-F-004A1C-00C-BK	4	0.2	SM 9/125	G.657.A1 & G.652.D	250	UV-LSZH -40°C	Fca	2 x 3	Black	1000	Drum

Warranty: 1 year

## NIKOLAN fiber optic FTTx cables, steel rods and messenger



Steel messenger  
UV-LSZH outer jacket  
Optical Fibers in 250 μm buffer  
Steel rods



**NKL-F-004A1H-00C-BK**

SM 9/125, OS2, UV LSZH -40°C, 1000 m

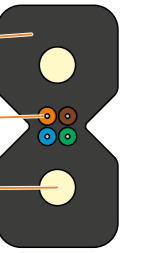
Part Number	Fibers	Max. tensile strength, kH	Optical Fiber			Outer Jacket				Length, m	Package
			Type	Class	Buffer, nm	Material	CPR Class	OD, mm	Color		
NKL-F-001A1H-00C-BK	1	0.6	SM 9/125	G.657.A1 & G.652.D	250	UV-LSZH -40°C	Fca	2 x 3	Black	1000	Drum
NKL-F-002A1H-00C-BK	2	0.6	SM 9/125	G.657.A1 & G.652.D	250	UV-LSZH -40°C	Fca	2 x 3	Black	1000	Drum
NKL-F-004A1H-00C-BK	4	0.6	SM 9/125	G.657.A1 & G.652.D	250	UV-LSZH -40°C	Fca	2 x 3	Black	1000	Drum

Warranty: 1 year

## NIKOLAN fiber optic FTTx cables with fiberglass rods



UV-LSZH outer jacket  
Optical Fibers in 250 μm buffer  
Fiberglass rods



**NKL-F-004A1P-00C-BK**

SM 9/125, G.657, UV LSZH -40°C, 1000 m

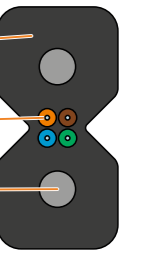
Part Number	Fibers	Max. tensile strength, kH	Optical Fiber			Outer Jacket				Length, m	Package
			Type	Class	Buffer, nm	Material	CPR Class	OD, mm	Color		
NKL-F-001A1P-00C-BK	1	0.08	SM 9/125	G.657.A1 & G.652.D	250	UV-LSZH -40°C	Fca	2 x 3	Black	1000	Drum
NKL-F-002A1P-00C-BK	2	0.08	SM 9/125	G.657.A1 & G.652.D	250	UV-LSZH -40°C	Fca	2 x 3	Black	1000	Drum
NKL-F-004A1P-00C-BK	4	0.08	SM 9/125	G.657.A1 & G.652.D	250	UV-LSZH -40°C	Fca	2 x 3	Black	1000	Drum

Warranty: 1 year

## NIKOLAN fiber optic FTTx cables with steel rods



UV-LSZH outer jacket  
Optical Fibers in 250 μm buffer  
Steel rods



**NKL-F-004A1F-00C-BK**

SM 9/125, OS2, UV LSZH -40°C, 1000 m

Part Number	Fibers	Max. tensile strength, kH	Optical Fiber			Outer Jacket				Length, m	Package
			Type	Class	Buffer, nm	Material	CPR Class	OD, mm	Color		
NKL-F-001A1F-00C-BK	1	0.8	SM 9/125	G.657.A1 & G.652.D	250	UV-LSZH -40°C	Fca	2 x 5.1	Black	1000	Drum
NKL-F-002A1F-00C-BK	2	0.8	SM 9/125	G.657.A1 & G.652.D	250	UV-LSZH -40°C	Fca	2 x 5.1	Black	1000	Drum
NKL-F-004A1F-00C-BK	4	0.8	SM 9/125	G.657.A1 & G.652.D	250	UV-LSZH -40°C	Fca	2 x 5.1	Black	1000	Drum

Warranty: 1 year

### Color identification of optical fibers in FTTx cables

Fiber number	1
Color marking	

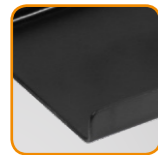
Fiber number	1	2
Color marking		

Fiber number	1	2	3	4
Color marking				

## Sliding type FDU, Premium series, 1U



FDU supports up to 24 SC/LC or FC/ST adapters. SC/LC sockets are provided with holes for bolting the adapters



Extended lower shelf protects outgoing patch chords



Extendable sliding design allows easy access to all insides



Handy splice tray with folding dust cover. SC/LC type cross has two cassettes, upper one can be hinged for easy access to the lower one



On the sides from the splice tray there are two cable managers for winding up the extra length of fiber optics and ensuring the correct radius of their bending



FDU has 4 cable inputs protected with blanking caps. The incoming cables can be fixed with screw terminals



Also supplied with two screw terminals to secure the cable power cord

### Set includes (SC/LC):

FDU – 1 pc.  
Splice tray – 2 pcs.  
Cable manager – 2 pcs.  
Thermoshrinkable sleeves – 48 pcs.  
Caps for cable inputs – 4 pcs.  
Nylon tie set – 1 pcs.

### Set includes (FC/ST):

FDU – 1 pc.  
Splice tray – 1 pcs.  
Cable manager – 2 pcs.  
Thermoshrinkable sleeves – 24 pcs.  
Caps for cable inputs – 4 pcs.  
Nylon tie set – 1 pcs.



**NMF-RP24SC-TS-P-1U-BK**  
up to 24 simplex SC or duplex LC adapters



**NMF-RP24FC-TS-P-1U-BK**  
up to 24 FC or ST adapters

Part Number	Adapters Quantity	Maximum ports number				Height	Depth in rack, mm	Material	Color	Package
		SC	LC	FC	ST					
NMF-RP24SC-TS-P-1U-BK	24	24	48	-	-	1U	250	Steel, 1.2 mm	Black	Carton box
NMF-RP24FC-TS-P-1U-BK	24	-	-	24	24	1U	250	Steel, 1.2 mm	Black	Carton box

Warranty: 1 year

## Wall mount FDU, Premium series



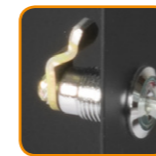
Should be used with Premium series adapter panels. Removable panels allow to combine different adapter types



FDU has 5 cable inputs protected with blanking caps



Handy splice tray with folding dust cover. Set includes two cassettes, upper one can be hinged for an easy access to the lower one



Lock for protection against unauthorized access



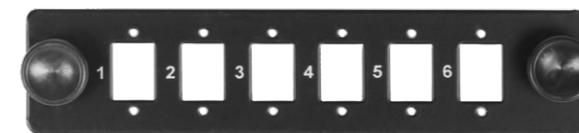
### Set includes:

FDU – 1 pc.  
Splice trays – 2 pcs.  
Caps for cable inputs – 5 pcs.  
Thermoshrinkable sleeves – 48 pcs.  
Keys – 2 pcs.

Part Number	Adapter panels Quantity	Maximum ports number				Installation	Dimensions, mm	Material	Color	Package
		SC	LC	FC	ST					
NMF-WP48-BLANK-IB-P-BK	4	48	48	24	24	Wall mount	482x250x44	Steel, 1.0 mm	Black	Carton box

Warranty: 1 year

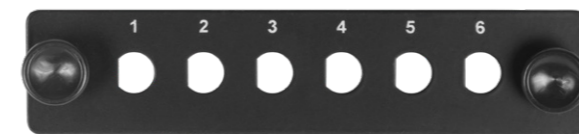
## Adapter panels for Premium series FDU



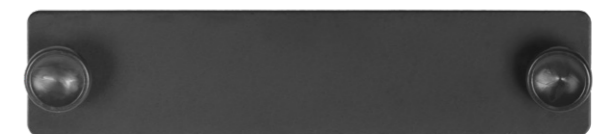
**NMF-AP06SSC-P-BK**  
up to 6 simplex SC or duplex LC adapters



**NMF-AP06DSC-P-BK**  
up to 6 duplex SC adapters



**NMF-AP06SFC-P-BK**  
up to 6 FC/ST adapters



**NMF-AP-BLANK-P-BK**  
blank panel

Part Number	Used adapters type	Adapter Quantity	Material	Color	Package
NMF-AP06SFC-P-BK	Simplex SC or Duplex LC	6	Steel, 1.2 mm	Black	PE bag
NMF-AP06SSC-P-BK	Duplex SC	6	Steel, 1.2 mm	Black	PE bag
NMF-AP06DSC-P-BK	Simplex FC or ST	6	Steel, 1.2 mm	Black	PE bag
NMF-AP-BLANK-P-BK	Blank panel	-	Steel, 1.2 mm	Black	PE bag

Warranty: 1 year

## Cassette type MPO/MTP FDU, CT series, 1U



High density solution: FDU is equipped with three sliding shelves, each shelf can support 4 cassettes with 12 fiber ports per each cassette



Cassettes are installed from the front side of the FDU and locked with clips. To remove the cassette, simply squeeze the latches and pull the cassette towards you



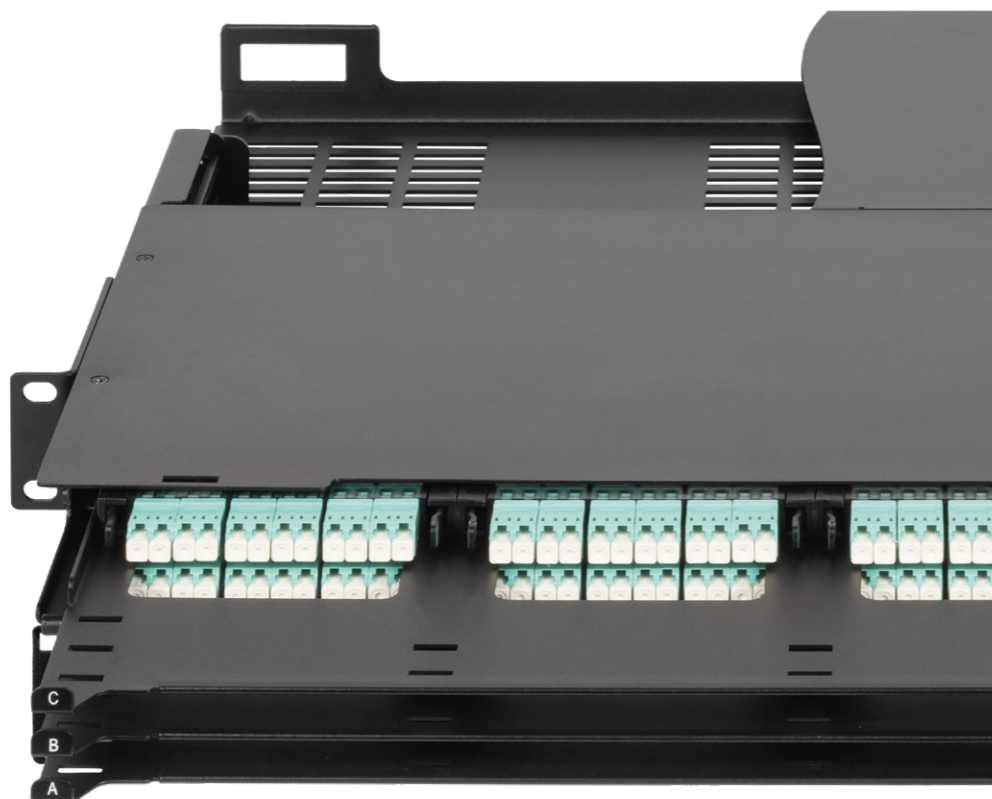
The front side of the cross is protected by a folding cover. On the back side of the cover there is a window with paper for marking area



The rear part is covered by a removable cover that allows easy access to MPO connectors

### Set includes:

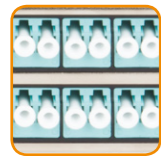
- FDU – 1 pc.
- Back cover – 1 pc.
- Side mounting brackets – 2 pcs.



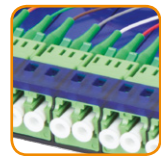
Part Number	Compatible cassettes	Cassette slots	Height	Depth in rack, mm	Package
NMF-RP12-BLANK-CT-MTP-1U-BK	Optical Fiber, CT series	12	1U	455	Carton box

Warranty: 1 year

## Fiber optic MPO/MTP cassettes, CT series



Fully ready-to-use plug and play solution. No intensive labor and expensive fiber welding work required



12 high-quality optical adapters with double LC connectors are installed in each cassette (24 ports per cassette in total)



Preset hydra fan-out type cable assembly gathers 12 LC connectors into one high density MTP plug



Connection to other cassettes or equipment is made via Elite class MTP cables and assemblies, ensuring minimal transmission losses



Part Number	Ports	Size	Port type / Polish	Fiber type	Fiber class	Reap port type / Polarity	Package
NMF-CT12S2PA-MTPM-LCU-TR	12	1 slot	LC / UPC	SM 9/125	OS2 & ITU-T G.652.D	MTP-Male Elite Type A	Carton box
NMF-CT12M3PA-MTPM-LCU-TR	12	1 slot	LC / UPC	MM 50/125	ISO/IEC 11801 OM3	MTP-Male Elite Type A	Carton box
NMF-CT12M4PA-MTPM-LCU-TR	12	1 slot	LC / UPC	MM 50/125	ISO/IEC 11801 OM4	MTP-Male Elite Type A	Carton box

Warranty: Component – 5 years. System – up to 25 years as part of a certified NIKOMAX SCS

## MPO/MTP fiber optic trunk cables

Various preterminated cable assemblies are supplied with MTP connectors. Manufactured and factory tested, this solution is extremely convenient in use because of its plug-and-play configuration and doesn't require any additional fiber welding or testing works.

Supplied with different number of MTP connectors at both ends, as well as in so-called Hydra construction – as a crossover to numerous LC or SC connectors.



Part Number	Fiber Quantity	Plug type / Polarity		Fiber type / fiber class	Jacket	Color	Length, where is xxx:
		1 <sup>st</sup> plug	2 <sup>nd</sup> plug				
NMF-PC12zzPAC-1MTPF-1MTPF-xxx	12	1x MTP Elite Type A	1x MTP Elite Type A	Where is zz: S2 – SM 9/125 OS2 M3 – MM 50/125 OM3 M4 – MM 50/125 OM4	LSZH	S2 – Yellow M3 – Aqua M4 – Magenta	001 – 1 m
NMF-PC24zzPAC-2MTPF-2MTPF-xxx	24	2x MTP Elite Type A	2x MTP Elite Type A				002 – 2 m
NMF-PC48zzPAC-4MTPF-4MTPF-xxx	48	4x MTP Elite Type A	4x MTP Elite Type A				003 – 3 m
NMF-PC96zzPAC-8MTPF-8MTPF-xxx	96	8x MTP Elite Type A	8x MTP Elite Type A				005 – 5 m
NMF-PC12zzPAC-1MTPF-12LCU-xxx	12	1x MTP Elite Type A	12x LC/UPC				010 – 10 m
NMF-PC24zzPAC-2MTPF-24LCU-xxx	24	2x MTP Elite Type A	24x LC/UPC				015 – 15 m
NMF-PC48zzPAC-4MTPF-48LCU-xxx	48	4x MTP Elite Type A	48x LC/UPC				020 – 20 m
NMF-PC96zzPAC-8MTPF-96LCU-xxx	96	8x MTP Elite Type A	96x LC/UPC				025 – 25 m
							030 – 30 m
				040 – 40 m			
				050 – 50 m			
				100 – 100 m			

Warranty: Component – 5 years. System – up to 25 years as part of a certified NIKOMAX SCS

## Fiber optic surface mount box



Suitable for simplex SC or duplex LC adapters. Adapter may be installed in the deep of the box to hide the plug inside



Angled adapter position for accurate cord guidance directly over the surface



Holders for laying spare cable with observance of necessary bending tolerances

### Set includes:

- Box with cover – 1 pc.
- Screws – 2 pcs.
- Bolts – 2 pcs.



Part number	Sockets	Type of supported adapters	Dimensions, mm	Package
NMF-WO2-BLANK-CP-WT	2	Simplex SC or duplex LS	40x70x30	PE bag

Warranty: 1 year

## 86x86 mm faceplates with angled ports for fiber optic adapters



**Faceplate set includes:**  
 Frame and base plate – 1 pc.  
 Marking site with cover – 1 set  
 Bolts – 2 pcs.

Adapters are not in set and should be ordered separately

Part number	Item type	Adapter type	Adapter Quantity	Dimensions, mm	Package type
NMF-PL86X86-1PASC5-WT	Faceplate	Simplex SC or Duplex LC	1	86x86x12	PE bag
NMF-PL86X86-1PASC4-WT	Faceplate	Duplex SC	1	86x86x12	PE bag

Warranty: 1 year

## Fiber optic pigtails

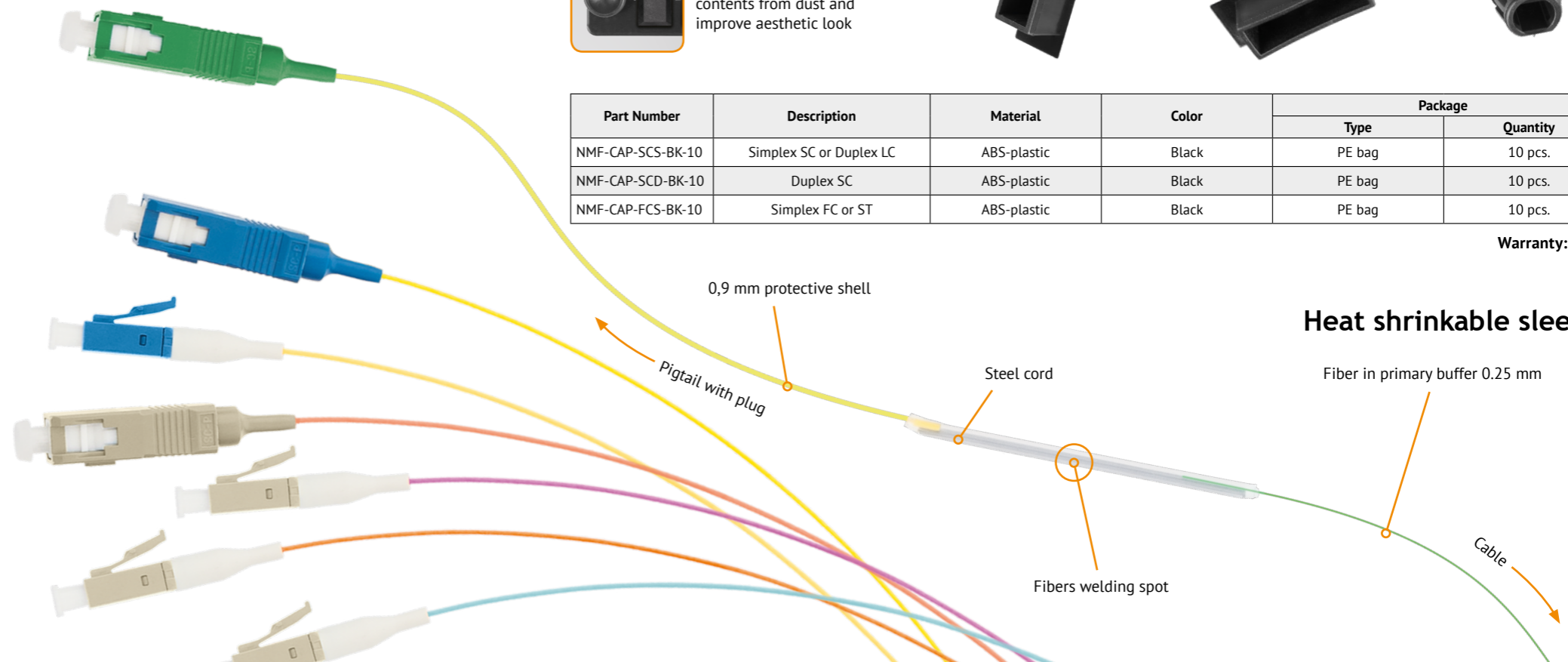
### Single Mode

Part Number	Optical Fiber		Plugs / Polish	Color	Quantity
	Type	Class			
NMF-PT1S2C0-SCU-XXX-001-2	SM 9/125	OS2 & G.652.D	SC/UPC	Yellow	2 pcs.
NMF-PT1S2C0-FCU-XXX-001-2	SM 9/125	OS2 & G.652.D	FC/UPC	Yellow	2 pcs.
NMF-PT1S2C0-LCU-XXX-001-2	SM 9/125	OS2 & G.652.D	LC/UPC	Yellow	2 pcs.
NMF-PT1S2C0-STU-XXX-001-2	SM 9/125	OS2 & G.652.D	ST/UPC	Yellow	2 pcs.
NMF-PT1S2C0-SCA-XXX-001-2	SM 9/125	OS2 & G.652.D	SC/APC	Yellow	2 pcs.
NMF-PT1S2C0-FCA-XXX-001-2	SM 9/125	OS2 & G.652.D	FC/APC	Yellow	2 pcs.
NMF-PT1S2C0-LCA-XXX-001-2	SM 9/125	OS2 & G.652.D	LC/APC	Yellow	2 pcs.

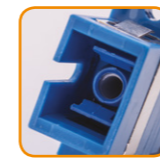
### Multi Mode

Part Number	Optical Fiber		Plugs / Polish	Color	Quantity
	Type	Class			
NMF-PT1M4C0-LCU-XXX-001-2	MM 50/125	OM4	LC/UPC	Magenta	2 pcs.
NMF-PT1M3C0-SCU-XXX-001-2	MM 50/125	OM3	SC/UPC	Aqua	2 pcs.
NMF-PT1M3C0-LCU-XXX-001-2	MM 50/125	OM3	LC/UPC	Aqua	2 pcs.
NMF-PT1M2C0-SCU-XXX-001-2	MM 50/125	OM2	SC/UPC	Orange	2 pcs.
NMF-PT1M2C0-LCU-XXX-001-2	MM 50/125	OM2	LC/UPC	Orange	2 pcs.

All pigtails made with LSZH jacket. The sheath diameter is 0.9 mm (tight buffer). Color of the sheath indicates the type of used fibers. Connectors color marks the type of polishing. For SM fibers: blue – UPC, green – APC. MM patch cords usually come with beige connectors. Pig tails are supplied in the cut condition, 2 pieces in a bundle. The standard length of each piece is 1 meter.



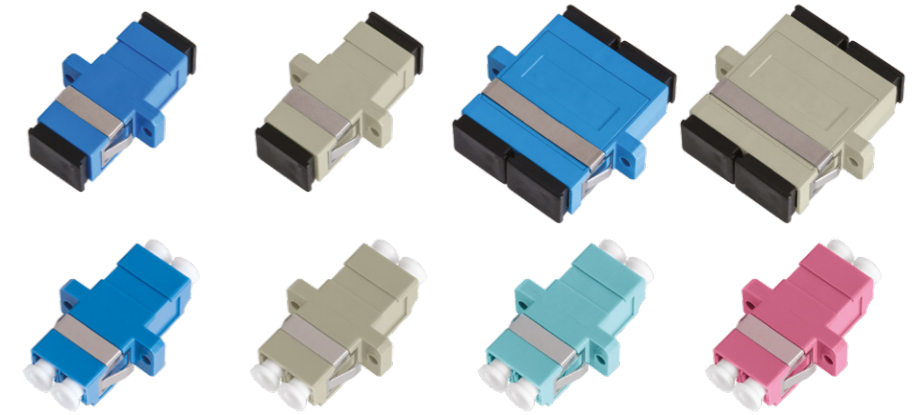
## Fiber optic adapters



High quality ceramic bushings for precise centering of fiber cores



Colored cases for easy fiber class identification



Part number	Port type	Polish	Type	Fiber type	Color	Package	
						Type	Quantity
NMF-OA2S2-FN-SCU-SCU-BL-50	SC	UPC	Simplex	SM OS2	Blue	PE bag	50 pcs.
NMF-OA2MM-FN-SCU-SCU-BG-50	SC	UPC	Simplex	MM N/A	Beige	PE bag	50 pcs.
NMF-OA1S2-FN-SCU-SCU-BL-100	SC	UPC	Duplex	SM OS2	Blue	PE bag	100 pcs.
NMF-OA1MM-FN-SCU-SCU-BG-100	SC	UPC	Duplex	MM N/A	Beige	PE bag	100 pcs.
NMF-OA2S2-FN-LCU-LCU-BL-50	LC	UPC	Duplex	SM OS2	Blue	PE bag	50 pcs.
NMF-OA2MM-FN-LCU-LCU-BG-50	LC	UPC	Duplex	MM N/A	Beige	PE bag	50 pcs.
NMF-OA2M3-FN-LCU-LCU-AQ-50	LC	UPC	Duplex	MM OM3	Aqua	PE bag	50 pcs.
NMF-OA2M4-FN-LCU-LCU-MG-50	LC	UPC	Duplex	MM OM4	Magenta	PE bag	50 pcs.

Warranty: 1 year

## Anti-dust caps for fiber optic ports



Designed for closing empty adapter sockets to protect contents from dust and improve aesthetic look



Part Number	Description	Material	Color	Package	
				Type	Quantity
NMF-CAP-SCS-BK-10	Simplex SC or Duplex LC	ABS-plastic	Black	PE bag	10 pcs.
NMF-CAP-SCD-BK-10	Duplex SC	ABS-plastic	Black	PE bag	10 pcs.
NMF-CAP-FCS-BK-10	Simplex FC or ST	ABS-plastic	Black	PE bag	10 pcs.

Warranty: 1 year

## Heat shrinkable sleeves

Part number	Description	Color	Package	
			Type	Quantity
NMF-KDZS60-10	Heat-shrinkable plastic sleeve with a steel rod, 60 mm	Transparent	PE bag	10 pcs.

Warranty: 1 year

## Fiber optic patch cords



Made of high quality fiber optic. Low losses on bends and connections



Supplied with non-toxic LSZH outer jacket. Outer diameter is 2 mm. Color of the sheath indicates optical fiber type



Connectors color marks the type of polishing. For SM fibers: blue – UPC, green – APC. MM patch cords usually come with beige connectors

### Single Mode, Simplex

Part Number	Optical Fiber		Plug type / Polish		Design	Color
	Type	Class	1 <sup>st</sup>	2 <sup>nd</sup>		
NMF-PC1S2C2-SCU-SCU-xxx	SM 9/125	OS2 & G.652.D	SC/UPC	SC/UPC	Simplex	Yellow
NMF-PC1S2C2-FCU-FCU-xxx	SM 9/125	OS2 & G.652.D	FC/UPC	FC/UPC	Simplex	Yellow
NMF-PC1S2C2-LCU-LCU-xxx	SM 9/125	OS2 & G.652.D	LC/UPC	LC/UPC	Simplex	Yellow
NMF-PC1S2C2-SCA-SCA-xxx	SM 9/125	OS2 & G.652.D	SC/APC	SC/APC	Simplex	Yellow
NMF-PC1S2C2-SCU-FCU-xxx	SM 9/125	OS2 & G.652.D	SC/UPC	FC/UPC	Simplex	Yellow
NMF-PC1S2C2-SCU-LCU-xxx	SM 9/125	OS2 & G.652.D	SC/UPC	LC/UPC	Simplex	Yellow
NMF-PC1S2C2-SCU-STU-xxx	SM 9/125	OS2 & G.652.D	SC/UPC	ST/UPC	Simplex	Yellow
NMF-PC1S2C2-SCU-SCA-xxx	SM 9/125	OS2 & G.652.D	SC/UPC	SC/APC	Simplex	Yellow
NMF-PC1S2C2-FCU-LCU-xxx	SM 9/125	OS2 & G.652.D	FC/UPC	LC/UPC	Simplex	Yellow

### Single Mode, Duplex

Part Number	Optical Fiber		Plug type / Polish		Design	Color
	Type	Class	1 <sup>st</sup>	2 <sup>nd</sup>		
NMF-PC2S2C2-SCU-SCU-xxx	SM 9/125	OS2 & G.652.D	SC/UPC	SC/UPC	Duplex	Yellow
NMF-PC2S2C2-FCU-FCU-xxx	SM 9/125	OS2 & G.652.D	FC/UPC	FC/UPC	Duplex	Yellow
NMF-PC2S2C2-LCU-LCU-xxx	SM 9/125	OS2 & G.652.D	LC/UPC	LC/UPC	Duplex	Yellow
NMF-PC2S2C2-SCU-FCU-xxx	SM 9/125	OS2 & G.652.D	SC/UPC	FC/UPC	Duplex	Yellow
NMF-PC2S2C2-SCU-LCU-xxx	SM 9/125	OS2 & G.652.D	SC/UPC	LC/UPC	Duplex	Yellow
NMF-PC2S2C2-SCU-SCA-xxx	SM 9/125	OS2 & G.652.D	SC/UPC	SC/APC	Duplex	Yellow
NMF-PC2S2C2-FCU-LCU-xxx	SM 9/125	OS2 & G.652.D	FC/UPC	LC/UPC	Duplex	Yellow

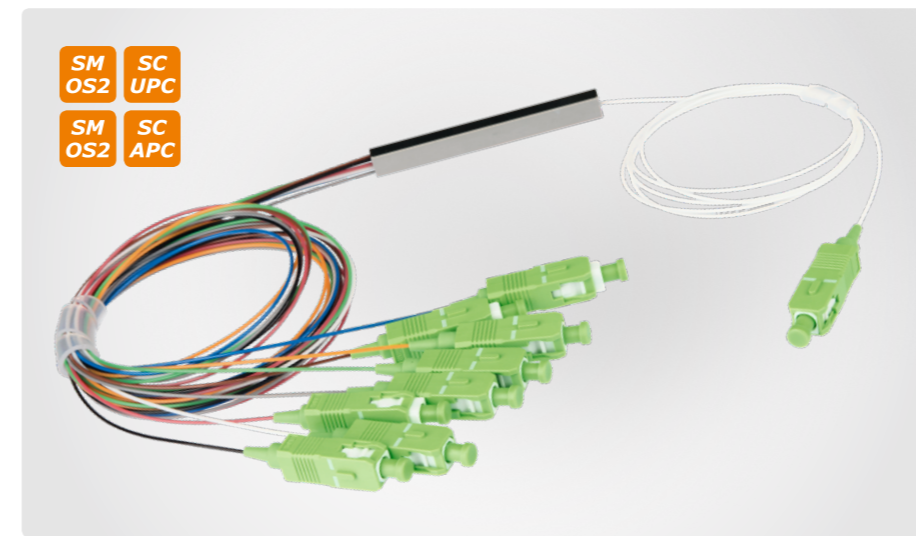
### Multi Mode, Duplex

Part Number	Optical Fiber		Plug type / Polish		Design	Color
	Type	Class	1 <sup>st</sup>	2 <sup>nd</sup>		
NMF-PC2M4C2-LCU-LCU-xxx	MM 50/125	OM4	LC/UPC	LC/UPC	Duplex	Magenta
NMF-PC2M3C2-SCU-SCU-xxx	MM 50/125	OM3	SC/UPC	SC/UPC	Duplex	Aqua
NMF-PC2M3C2-LCU-LCU-xxx	MM 50/125	OM3	LC/UPC	LC/UPC	Duplex	Aqua
NMF-PC2M2C2-SCU-SCU-xxx	MM 50/125	OM2	SC/UPC	SC/UPC	Duplex	Orange
NMF-PC2M2C2-LCU-LCU-xxx	MM 50/125	OM2	LC/UPC	LC/UPC	Duplex	Orange
NMF-PC2M3C2-SCU-LCU-xxx	MM 50/125	OM3	SC/UPC	LC/UPC	Duplex	Aqua
NMF-PC2M2C2-SCU-LCU-xxx	MM 50/125	OM2	SC/UPC	LC/UPC	Duplex	Orange
NMF-PC2M2C2-SCU-STU-xxx	MM 50/125	OM2	SC/UPC	ST/UPC	Duplex	Orange
NMF-PC2M2C2-LCU-STU-xxx	MM 50/125	OM2	LC/UPC	ST/UPC	Duplex	Orange

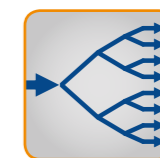
Warranty: 1 year

xxx – length. Available lengths are: 1.0, 2.0 & 3.0 meters. Marking '003' in part number means 3.0 meters. For the most popular types there are also supported 5, 10 and 20 meter lengths.

## Planar fiber optic splitters, mini-type



Fiber Optic Splitters are passive devices designed to divide optical signal in PON networks



Compare to commonly used biconical taper type (FBT), planar splitters (PLC) are more recent technology which offers accurate splits with minimal losses



Planar chip in mini-case is compact and can be installed even in splice trays. Optical Fibers have only the basic protection with 0.9 mm buffer layer

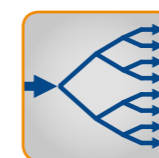
Part Number	Splitting		Plugs / polish	Optical Fiber		Outer jacket			Package
	Rate	Coefficient		Type	Class	Type	OD, mm	Color	
NMF-SPP1X2A1-SCU-M	1 to 2	Equal	SC/UPC	SM 9/125	G.657.A1 & G.652.D	LSZH	0.9	Yellow	Carton box
NMF-SPP1X2A1-SCA-M	1 to 2	Equal	SC/APC	SM 9/125	G.657.A1 & G.652.D	LSZH	0.9	Yellow	Carton box
NMF-SPP1X4A1-SCU-M	1 to 4	Equal	SC/UPC	SM 9/125	G.657.A1 & G.652.D	LSZH	0.9	Yellow	Carton box
NMF-SPP1X4A1-SCA-M	1 to 4	Equal	SC/APC	SM 9/125	G.657.A1 & G.652.D	LSZH	0.9	Yellow	Carton box
NMF-SPP1X8A1-SCU-M	1 to 8	Equal	SC/UPC	SM 9/125	G.657.A1 & G.652.D	LSZH	0.9	Yellow	Carton box
NMF-SPP1X8A1-SCA-M	1 to 8	Equal	SC/APC	SM 9/125	G.657.A1 & G.652.D	LSZH	0.9	Yellow	Carton box
NMF-SPP1X16A1-SCU-M	1 to 16	Equal	SC/UPC	SM 9/125	G.657.A1 & G.652.D	LSZH	0.9	Yellow	Carton box
NMF-SPP1X16A1-SCA-M	1 to 16	Equal	SC/APC	SM 9/125	G.657.A1 & G.652.D	LSZH	0.9	Yellow	Carton box

Warranty: 1 year

## Planar fiber optic splitters, ABS box



Fiber Optic Splitters are passive devices designed to divide optical signal in PON networks



Compare to commonly used biconical taper type (FBT), planar splitters (PLC) are more recent technology which offers accurate splits with minimal losses



The splitter in a standard plastic box is well protected and can be used as a free-standing device. Cable outputs provided with a 2 mm outer jacket



Part Number	Splitting		Plugs / polish	Optical Fiber		Outer jacket			Package
	Rate	Coefficient		Type	Class	Type	OD, mm	Color	
NMF-SPP1X2A1-SCU-B	1 to 2	Equal	SC/UPC	SM 9/125	G.657.A1 & G.652.D	LSZH	2	Yellow	Carton box
NMF-SPP1X2A1-SCA-B	1 to 2	Equal	SC/APC	SM 9/125	G.657.A1 & G.652.D	LSZH	2	Yellow	Carton box
NMF-SPP1X4A1-SCU-B	1 to 4	Equal	SC/UPC	SM 9/125	G.657.A1 & G.652.D	LSZH	2	Yellow	Carton box
NMF-SPP1X4A1-SCA-B	1 to 4	Equal	SC/APC	SM 9/125	G.657.A1 & G.652.D	LSZH	2	Yellow	Carton box
NMF-SPP1X8A1-SCU-B	1 to 8	Equal	SC/UPC	SM 9/125	G.657.A1 & G.652.D	LSZH	2	Yellow	Carton box
NMF-SPP1X8A1-SCA-B	1 to 8	Equal	SC/APC	SM 9/125	G.657.A1 & G.652.D	LSZH	2	Yellow	Carton box

Warranty: 1 year

## Vertical Dome Splice Closures



Designed to be placed on electricity pylon supports, walls and other structures. Closure housing is made of durable cold-resistant polycarbonate



Closure is equipped with a special mechanical locking system in the form of two metal hoops and can be locked with a special bolt



Thermal sealing with heat-shrinkable tubes guarantees absolute insulation against moisture and dust and strengthens the cable insertion points



Splice cassettes can be folded out, providing an easy access to insides, while eliminating dangerous twists and bends of fiber optics

### Set includes:

The mechanism of hermetic sealing – 1 pc.  
Sealing gasket – 1 pc.  
Splice cassette – 6/4/4/4 pcs.  
Frame for fixing – 1 pc.  
Grounding device – 1 pc.  
Fixing accessories – 1 set  
Heat shrink tube – 4/4/-1 pc.  
Installation Guide – 1 pc.



NMF-SC-2V-144-5HS



NMF-SC-2V-48-4HS



NMF-SC-1V-48-4MS



NMF-SC-4V-48-4HS

Part Number	Splices, max	Splice trays	Cable inputs				Ingress protection	Dimensions, mm	Package
			Overall	Round	Oval	Hermetization type			
NMF-SC-2V-144-5HS	144	6	5	4 on 20 mm	1 on 65x43 mm	Thermal	500xØ189	Carton box	
NMF-SC-2V-48-4HS	48	4	4	3 on 16 mm	1 on 45x25 mm	Thermal	435xØ157	Carton box	
NMF-SC-1V-48-4MS	48	6	4	4 on 13 mm	–	Mechanical	415xØ157	Carton box	
NMF-SC-4V-48-4HS	48	3	4	3 on 12 mm	1 on 35x20 mm	Thermal	288xØ178	Carton box	

Warranty: 1 year

## Vertical Splice Closures



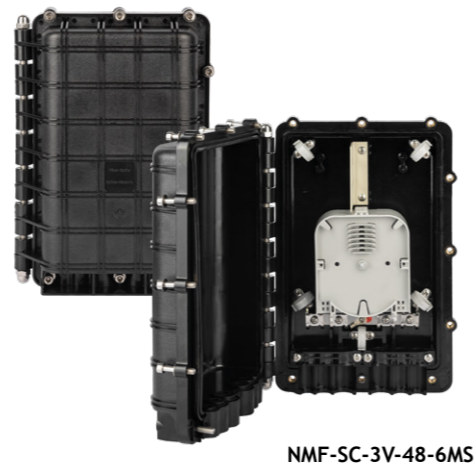
Designed to be placed on electricity pylon supports, walls and other structures, for use in cable canalization and directly in the ground

### Set includes:

Grounding device – 1 pc.  
Sealing gasket – 1 pc.  
Splice cassette – 4 pcs.  
Frame for fixing – 1 pc.  
The case from polycarbonate – 1 pc.  
Stubs for unused ports – 2 pcs.  
Toolkit for assembly – 1 pc.  
Fastening accessories – 1 set  
Installation Guide – 1 pc.



NMF-SC-3V-48-2MS



NMF-SC-3V-48-6MS

Part Number	Splices, max	Splice trays	Cable inputs				Ingress protection	Dimensions, mm	Package
			Overall	Round	Oval	Hermetization type			
NMF-SC-3V-48-2MS	48	4	2	2 on 14 mm	–	Mechanical	280x200x90	Carton box	
NMF-SC-3V-48-6MS	48	4	6	2 on 13/16/20 mm	–	Mechanical	295x202x81	Carton box	

Warranty: 1 year

## Horizontal Splice Closures



Designed to be placed on electricity pylon supports, walls and other structures, for use in cable canalization and directly in the ground



Closure housing is made of durable cold-resistant polycarbonate, providing reliable protection of splices



Closure is easy to install and seal while the multi-layer sealing system prevents moisture and dust from getting inside



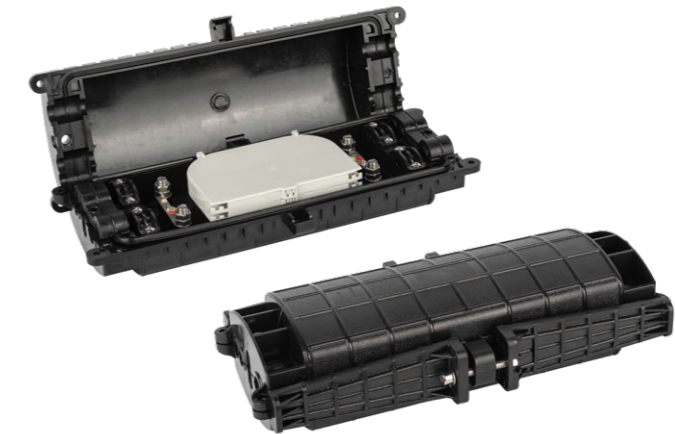
Splice cassettes can be folded out, providing an easy access to insides, while eliminating dangerous twists and bends of fiber optics

### Set includes:

Grounding device – 1 pc.  
Lockable inserts – 4 pcs.  
Sealing gasket – 1 pc.  
Splice cassette – 5/2 pcs.  
Plastic plugs for unused ports – 8/6 pcs.  
Toolkit for assembly – 1 pc.  
Fastening accessories – 1 set  
Installation Guide – 1 pc.



NMF-SC-3H-120-8MS

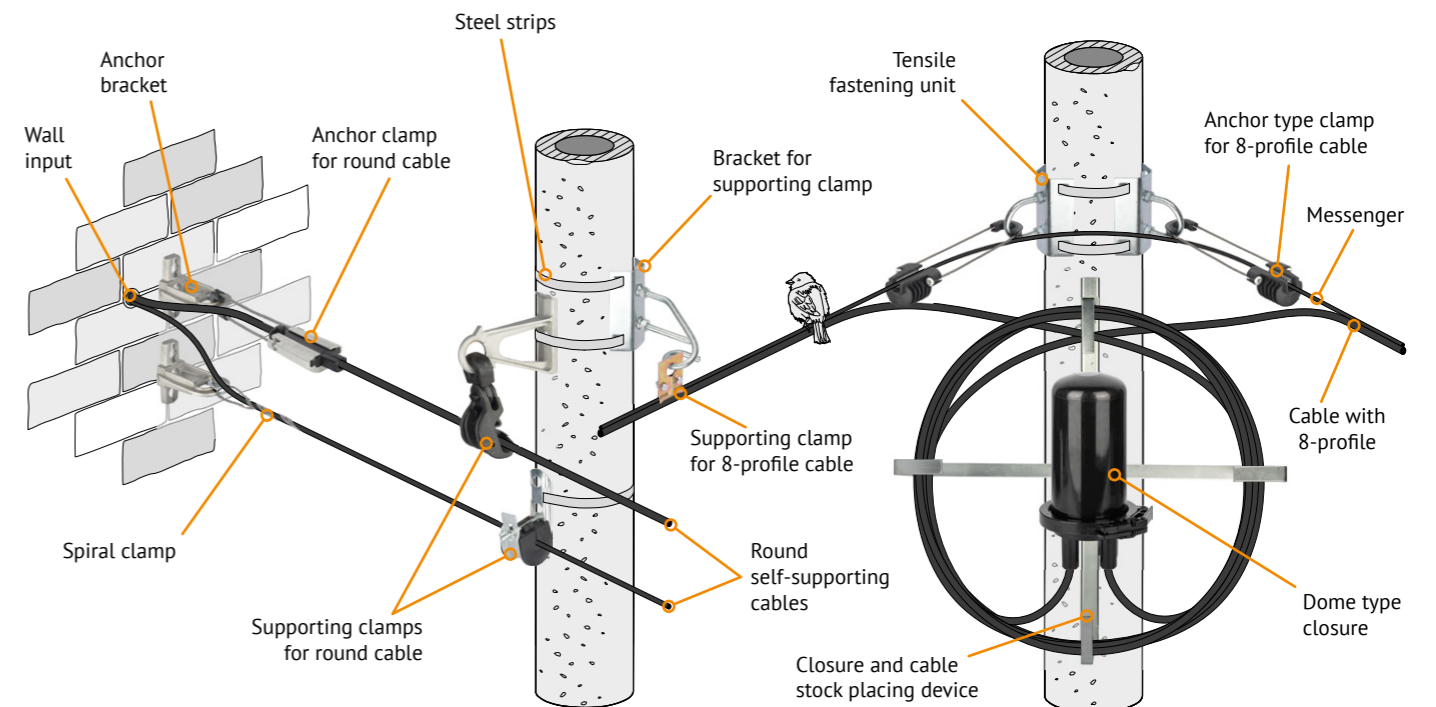


NMF-SC-3H-48-6MS

Part Number	Splices, max	Splice trays	Cable inputs				Ingress protection	Dimensions, mm	Package
			Overall	Round	Oval	Hermetization type			
NMF-SC-3H-120-8MS	120	4	8	4 on 14, 4 on 20 mm	–	Mechanical	500xØ189	Carton box	
NMF-SC-3H-48-6MS	48	4	6	4 on 13, 2 on 16 mm	–	Mechanical	435xØ157	Carton box	

Warranty: 1 year

## Splice closures & cable fixtures: installation examples



## Cable management panels with metal rings, 1U



Durable steel rings securely hold bunch of patch cords and use space wisely due to low thickness



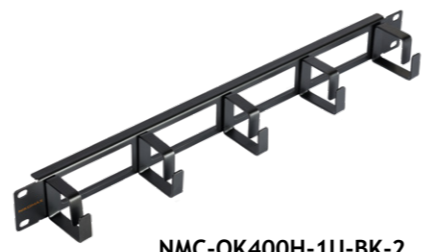
For NMC-OK800-HU-BK-2: high density cable management panel, capable to hold up to 24 copper patch cords



For NMC-OKxxxH-1U-BK-2: holes in the base of the management panel allow the cables to be inserted inside the cabinet if necessary



NMC-OK800-HU-BK-2



NMC-OK400H-1U-BK-2



NMC-OK600H-1U-BK-2



NMC-OK800H-1U-BK-2

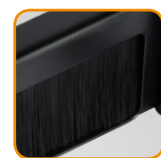
Part Number	Description	Useful depth, mm	Rings material	Base material	Color	Package	
						Type	Quantity
NMC-OK800-HU-BK-2	Fully metal	80	Steel, 2.0 mm	Steel, 1.5 mm	Black	Carton box	2 pcs.
NMC-OK400H-1U-BK-2	Fully metal, cable input	40	Steel, 2.0 mm	Steel, 1.5 mm	Black	Carton box	2 pcs.
NMC-OK600H-1U-BK-2	Fully metal, cable input	60	Steel, 2.0 mm	Steel, 1.5 mm	Black	Carton box	2 pcs.
NMC-OK800H-1U-BK-2	Fully metal, cable input	80	Steel, 2.0 mm	Steel, 1.5 mm	Black	Carton box	2 pcs.

Warranty: 1 year

## Cable management panels with plastic rings, 1U



Flexible, normally closed plastic rings keep safely even the thinnest cables, including fiber optical patch cords



HB-type manager is equipped with a brush to cover the holes in the base. The brush gives a tidy appearance and protects against dust



NMC-OP530HB-1U-BK-2

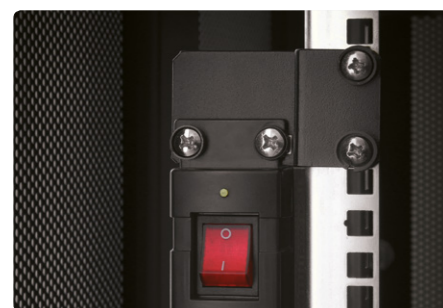


NMC-OP530H-1U-BK-2

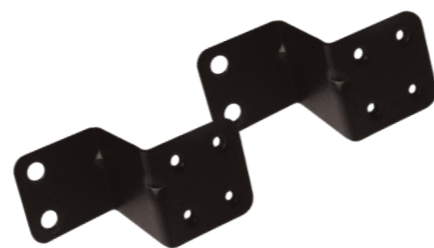
Part Number	Description	Useful depth, mm	Rings material	Base material	Color	Package	
						Type	Quantity
NMC-OP530HB-1U-BK-2	Closed rings, brushed cable input	53	Plastic	Steel, 1.5 mm	Black	Carton box	2 pcs.
NMC-OP530H-1U-BK-2	Closed rings, cable input	53	Plastic	Steel, 1.5 mm	Black	Carton box	2 pcs.

Warranty: 1 year

## Vertical mount bracket



Allows to install cable management panels, power distribution units and other equipment vertically, along the racks' rails



Part Number	Description	Material	Color	Package	
				Type	Quantity
NMC-OK-BRACK-SIDE-BK	Vertical mount bracket	Steel, 1.5 mm	Black	Carton box	2 pcs.

Warranty: 1 year

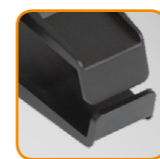
## Cable management panels with covers, 1U & 2U



Covers securely hold cable bundles, provides additional protection and gives a tidy look by covering the contents



Holes in the base of the management panel allow the cables to be inserted inside the cabinet if necessary



For NMC-OP700C: flexible, normally closed plastic rings keeps safely even the thinnest cables, including fiber optical patch cords



NMC-OK580C-1U-BK



NMC-OP600C-1U-BK



NMC-OP700C



NMC-OP150CV-2U-BK

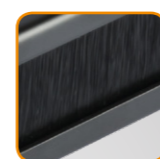
Part Number	Description	Useful depth, mm	Rings material	Base material	Color	Package	
						Type	Quantity
NMC-OK580C-1U-BK	Fully metal, cable input	58 (68 with cover)	Steel, 1.5 mm	Steel, 1.5 mm	Black	Carton box	1 pc.
NMC-OP600C-1U-BK	Fully plastic, cable input	60	Plastic	Plastic	Black	Carton box	1 pc.
NMC-OP700C	Closed rings, fully plastic, cable input	70	Plastic	Plastic	Black	Carton box	1 pc.
NMC-OP150CV-2U-BK	Fully plastic, cable input	150	Plastic	Plastic	Black	Carton box	1 pc.

Warranty: 1 year

## Blank panels, 1U



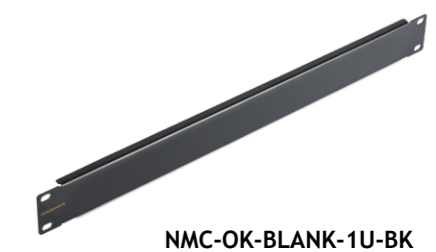
Covers empty units in the rack, to give a tidy appearance and regulate the airflow



Brushed input to cover the holes in the base. Gives a tidy appearance and protects against dust



NMC-OK-BRSH-1U-BK



NMC-OK-BLANK-1U-BK

Part Number	Description	Useful depth, mm	Rings material	Base material	Color	Package	
						Type	Quantity
NMC-OK-BRSH-1U-BK	Brushed cable input	-	-	Steel, 1.5 mm	Black	PE bag	1 pc.
NMC-OK-BLANK-1U-BK	Black	-	-	Steel, 1.5 mm	Black	PE bag	1 pc.

Warranty: 1 year

## Vertical cable management rings

Vertical cable management rings help to distribute patch cords and cables along the rack. The advantage of the solution is its versatility, because the rings can be installed separately or above the other equipment with flat flanks: patch panels, switches, regular cable management panels, etc...



NMC-OV600-BK



NMC-OV800-BK

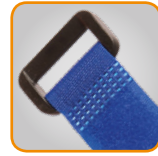
Part Number	Description	Outer size, mm	Useful depth, mm	Material	Color	Package	
						Type	Quantity
NMC-OV600-BK	Fully metal	75x50	60	Steel, 2.0 mm	Black	PE bag	1 pc.
NMC-OV800-BK	Fully metal	95x50	80	Steel, 2.0 mm	Black	PE bag	1 pc.

Warranty: 1 year

## Velcro ties with hard buckle



Multi-purpose ties based on double-sided Velcro tape are durable and easy to use



Hard plastic buckle has an accurate look and the most comfortable to work with



Part Number	Length, m	Width, mm	Max. cable bundle OD	Material	Color	Package	
						Type	Quantity
NMC-CTV290-20-HB-ZZ-10	290	20	40–75	Polyamide	Black, Red, Green or Blue	PE bag	10 pcs.

Warranty: 1 year

## Velcro ties with soft buckle



Multi-purpose ties based on double-sided Velcro tape are durable and easy to use



Soft buckle for secure fixation and easy diameter adjustment in a wide range of applications



Part Number	Length, m	Width, mm	Max. cable bundle OD	Material	Color	Package	
						Type	Quantity
NMC-CTV150-12-SB-ZZ-10	150	12	up to 35	Polyamide	Black, Red, Green or Blue	PE bag	10 pcs.
NMC-CTV210-16-SB-ZZ-10	210	16	up to 55	Polyamide	Black, Red, Green or Blue	PE bag	10 pcs.
NMC-CTV240-16-SB-ZZ-10	240	16	up to 65	Polyamide	Black, Red, Green or Blue	PE bag	10 pcs.
NMC-CTV310-16-SB-ZZ-10	310	16	up to 85	Polyamide	Black, Red, Green or Blue	PE bag	10 pcs.

Warranty: 1 year

## Velcro ties in rolls



Multi-purpose ties based on double-sided Velcro tape are durable and easy to use



Ties in rolls allow the user to determine the desired length



Part Number	Length, m	Width, mm	Max. cable bundle OD	Material	Color	Package	
						Type	Quantity
NMC-CTV05 m-09-RL-ZZ	5	9	Any	Polyamide	Black, Red, Green or Blue	PE bag	1 pc.
NMC-CTV05 m-15-RL-ZZ	5	15	Any	Polyamide	Black, Red, Green or Blue	PE bag	1 pc.
NMC-CTV05 m-25-RL-ZZ	5	25	Any	Polyamide	Black, Red, Green or Blue	PE bag	1 pc.

Warranty: 1 year

## Nylon cable ties

NMC-CTNxxx-yy-SL-WT-100  
Self-locking nylon tie

NMC-CTNxxx-yy-MK-WT-100  
Self-locking nylon tie with marking area

NMC-CTNxxx-yy-MT-WT-100  
Self-locking nylon tie with mountable head

NMC-CTNxxx-yy-RL-WT-100  
Releasable nylon tie



Part Number	Lock type	Additional feature	Width, mm	Length, mm	Color	Package	
						Type	Quantity
NMC-CTN100-25-SL-WT-100	Self locking	-	2.5	100	White	PE bag	100 pcs.
NMC-CTN150-25-SL-WT-100	Self locking	-	2.5	150	White	PE bag	100 pcs.
NMC-CTN200-25-SL-WT-100	Self locking	-	2.5	200	White	PE bag	100 pcs.
NMC-CTN150-35-SL-WT-100	Self locking	-	3.5	150	White	PE bag	100 pcs.
NMC-CTN200-35-SL-WT-100	Self locking	-	3.5	200	White	PE bag	100 pcs.
NMC-CTN300-35-SL-WT-100	Self locking	-	3.5	300	White	PE bag	100 pcs.
NMC-CTN200-45-SL-WT-100	Self locking	-	4.5	200	White	PE bag	100 pcs.
NMC-CTN300-45-SL-WT-100	Self locking	-	4.5	300	White	PE bag	100 pcs.
NMC-CTN400-45-SL-WT-100	Self locking	-	4.5	400	White	PE bag	100 pcs.
NMC-CTN100-25-MK-WT-100	Self locking	With marking area	2.5	100	White	PE bag	100 pcs.
NMC-CTN200-35-MK-WT-100	Self locking	With marking area	3.5	200	White	PE bag	100 pcs.
NMC-CTN150-35-MT-WT-100	Self locking	Mountable head Ø4.5 mm	3.5	150	White	PE bag	100 pcs.
NMC-CTN220-43-MT-WT-100	Self locking	Mountable head Ø5.5 mm	4.3	220	White	PE bag	100 pcs.
NMC-CTN380-75-MT-WT-100	Self locking	Mountable head Ø6.2 mm	7.5	380	White	PE bag	100 pcs.
NMC-CTN200-75-RL-WT-100	Releasable	-	7.5	200	White	PE bag	100 pcs.
NMC-CTN250-75-RL-WT-100	Releasable	-	7.5	250	White	PE bag	100 pcs.
NMC-CTN300-75-RL-WT-100	Releasable	-	7.5	300	White	PE bag	100 pcs.
NMC-CTN350-80-RL-WT-100	Releasable	-	8.0	350	White	PE bag	100 pcs.
NMC-CTN400-80-RL-WT-100	Releasable	-	8.0	400	White	PE bag	100 pcs.

Warranty: 1 year

## Self-adhesive cable tie mounts



Designed to fasten nylon ties on any surfaces



Simple mounting by a double-sided adhesive tape. Can be additionally fixed with a screw through the central hole



Part number	Description	Self-adhesive	Max. tie width, mm	Mounting holes, mm	Size, mm	Color	Individual Package	
							Type	Quantity
NMC-TMA20-WT-100	Cable tie mount	Yes	5.0	Ø2.9 x 2	20x20	White	PE bag	100 pcs.
NMC-TMA28-WT-100	Cable tie mount	Yes	5.4	Ø5.5	28x28	White	PE bag	100 pcs.

Warranty: 1 year



## Cable tie mounts



Designed to fasten nylon ties on any surfaces



Should be fastened with a screw through the central hole



Part Number	Description	Max. cable bundle OD, mm	Self-adhesive	Mounting holes, mm	Size, mm	Color	Package	
							Type	Quantity
NMC-TMS45-WT-100	Cable tie mount	No	9.0	Ø4,5	22x16	White	PE bag	100 pcs.
NMC-TMS58-WT-100	Cable tie mount	No	9.0	Ø5,8	22x16	White	PE bag	100 pcs.
NMC-TMS68-WT-100	Cable tie mount	No	9.0	Ø6,8	22x16	White	PE bag	100 pcs.

Warranty: 1 year

## Ratchet-type cable holders



Designed to fix cable bundles by a ratchet type latch. Easy to open when needed



Simple mounting by a double-sided adhesive tape



Part Number	Description	Max. cable bundle OD, mm	Self-adhesive	Mounting holes, mm	Size, mm	Color	Package	
							Type	Quantity
NMC-CHL08-BK-100	Ratchet-type cable holder	8	Yes	-	25x9	Black	PE bag	100 pcs.
NMC-CHL13-BK-100	Ratchet-type cable holder	13	Yes	-	37x7,5	Black	PE bag	100 pcs.
NMC-CHL22-BK-100	Ratchet-type cable holder	22	Yes	-	42x22	Black	PE bag	100 pcs.

Warranty: 1 year

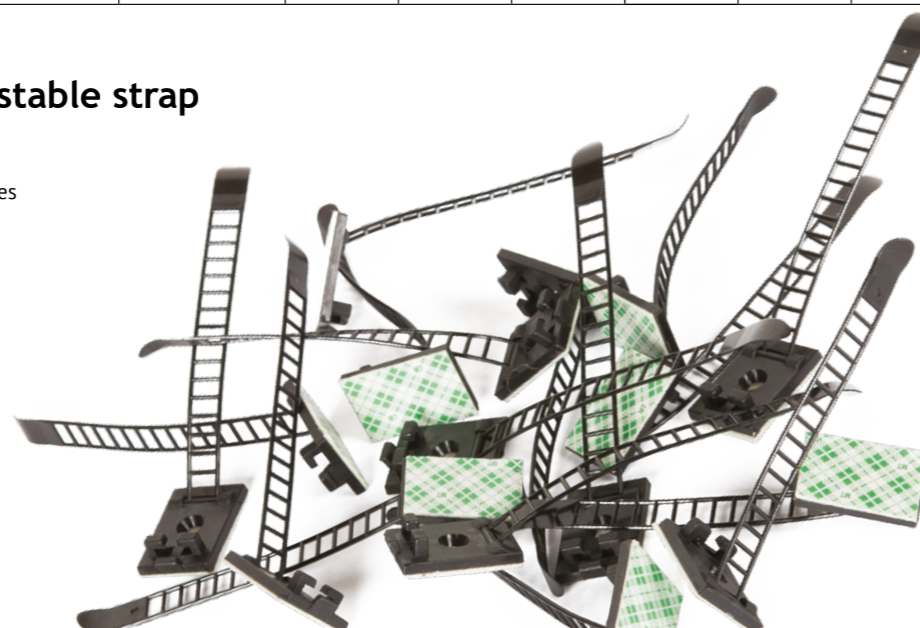
## Cable holders with adjustable strap



Designed to fix cable bundles by a strap, adjustable in a wide range. Easy to open when needed



Simple mounting by a double-sided adhesive tape. Can be additionally fixed with a screw through the central hole



Part Number	Description	Max. cable bundle OD, mm	Self-adhesive	Mounting holes, mm	Size, mm	Color	Package	
							Type	Quantity
NMC-CHS17-BK-100	Cable holder, adjustable strap 70 mm	17	Yes	Ø4,0	25x18	Black	PE bag	100 pcs.
NMC-CHS21-BK-100	Cable holder, adjustable strap 85 mm	21	Yes	Ø4,0	25x18	Black	PE bag	100 pcs.

Warranty: 1 year

## R-type cable holders



Simple and easy way to fix cables to the wall with a nail or a screw



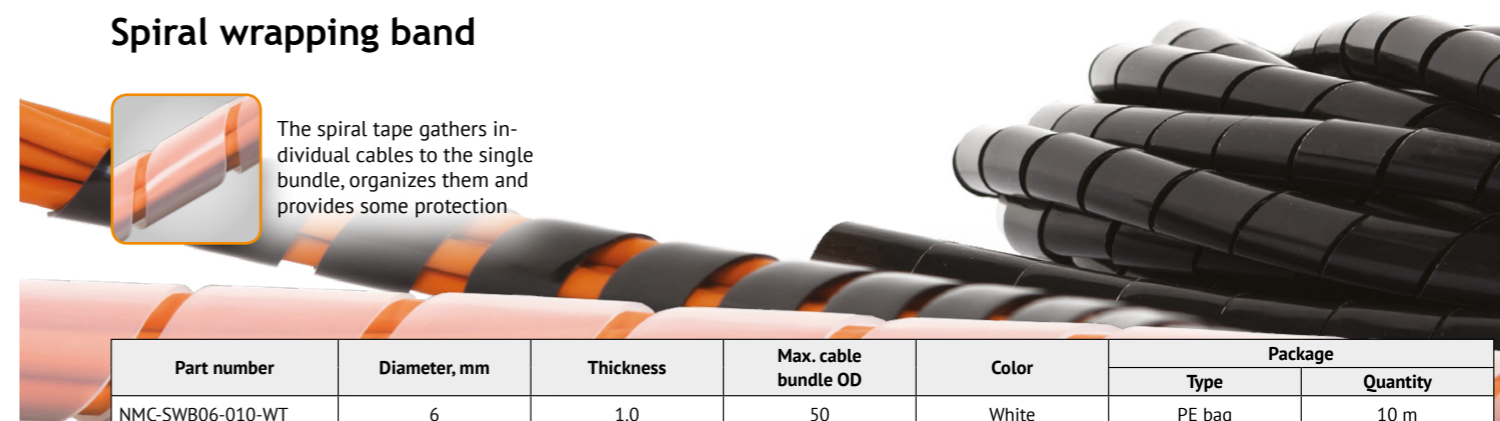
Part number	Description	Max. cable bundle OD	Self-adhesive	Mounting holes, mm	Size, mm	Color	Package	
							Type	Quantity
NMC-CHR05-WT-100	R-type cable holder	5	-	Ø4,5	20x10	White	PE bag	100 pcs.
NMC-CHR08-WT-100	R-type cable holder	8	-	Ø4,5	22x10	White	PE bag	100 pcs.
NMC-CHR13-WT-100	R-type cable holder	13	-	Ø4,5	31x12	White	PE bag	100 pcs.
NMC-CHR16-WT-100	R-type cable holder	16	-	Ø4,5	34x12	White	PE bag	100 pcs.

Warranty: 1 year

## Spiral wrapping band



The spiral tape gathers individual cables to the single bundle, organizes them and provides some protection



Part number	Diameter, mm	Thickness	Max. cable bundle OD	Color	Package	
					Type	Quantity
NMC-SWB06-010-WT	6	1.0	50	White	PE bag	10 m
NMC-SWB12-010-WT	12	1.5	65	White	PE bag	10 m
NMC-SWB15-010-WT	15	1.5	75	White	PE bag	10 m
NMC-SWB19-010-WT	19	2.0	100	White	PE bag	10 m
NMC-SWB06-010-BK	6	1.0	50	Black	PE bag	10 m
NMC-SWB12-010-BK	12	1.5	65	Black	PE bag	10 m
NMC-SWB15-010-BK	15	1.5	75	Black	PE bag	10 m
NMC-SWB19-010-BK	19	2.0	100	Black	PE bag	10 m

Warranty: 1 year

## Cable markers

Part Number	Letter
NMC-CMR---YL-500	"-"
NMC-CMR-1-YL-500	1
NMC-CMR-2-YL-500	2
NMC-CMR-3-YL-500	3
NMC-CMR-4-YL-500	4
NMC-CMR-5-YL-500	5
NMC-CMR-6-YL-500	6
NMC-CMR-7-YL-500	7
NMC-CMR-8-YL-500	8
NMC-CMR-9-YL-500	9
NMC-CMR-0-YL-500	0
NMC-CMR-A-YL-500	A
NMC-CMR-B-YL-500	B
NMC-CMR-C-YL-500	C
NMC-CMR-D-YL-500	D
NMC-CMR-E-YL-500	E
NMC-CMR-F-YL-500	F
NMC-CMR-G-YL-500	G
NMC-CMR-H-YL-500	H
NMC-CMR-I-YL-500	I
NMC-CMR-K-YL-500	K



Supported cable OD, mm	Color	Package	
		Type	Quantity
3.6 - 7.4	Yellow	Reel in box	500 pcs.

Warranty: 1 year

## Fast Termination Tool for FT, ST, AN and LS series keystone jacks



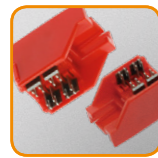
Allows you to instantly terminate cables on supported keystone jacks, making it easier to work and saving time to install the system



Does not require a working surface for operation which is especially convenient for installations in limited space and flush boxes



Compatible with first-class NIKOMAX Keystone Jacks of FT, ST, AN, LS series presented in various designs to fit any solution



To maintain the high quality of installation, the working nozzle NMC-FT-INSET should be replaced with a new one every thousand crimps. There are 2 nozzles in the basic kit



Part Number	Description	Housing material	Handles	Color	Package
NMC-FT-TOOL	Fast Termination Tool	Aluminum alloy	Plastic	Orange handles	Blister
NMC-FT-INSET	Spare crimping insert	Plastic	-	Red	PE bag

Warranty: 1 year

## Multipair impact punch-down tool



Terminates up to 5 pairs in a row with one punch. Perfect for work with 110 type block panels



Compatible with 110 type-based IDC patch panels. For such a use it is recommended to install 4 pair insert



5 pair insert (in set)

NMC-315DR with NMC-TA15B (not in set)

- Compatible panels:
- NMC-RP24UE2-AN-1U-BK
  - NMC-RP24UD2-AN-1U-BK
  - NMC-RP48UE2-AN-2U-BK
  - NMC-RP48UD2-AN-2U-BK
  - NMC-RP24UE2-1U-BK
  - NMC-RP24UD2-1U-BK
  - NMC-RP48UE2-2U-BK
  - NMC-RP48UD2-2U-BK
  - NMC-WP06UE2-GY
  - NMC-WP06UD2-GY

Part Number	Description	Supported IDC	Housing material	Color	Package
NMC-315DR	Tool & 5 pair insert	110	Steel and TPR	Black	Blister
NMC-TA15B	4 pair insert	110	Steel & plastic	Black	PE bag

Warranty: 1 year

## Impact punch-down tool & blades



Built-in compartment for spare blade



Flathead screwdriver for removing Krone blocks from bracket mounts & for extracting terminated wires



Impact force adjustment in two positions



Universal Twist-Lock mount  
110 type blade (NMC-14TA) in set with NMC-3640RB



NMC-13TB

110/88 – 110/88 with no cutting



NMC-14TA

110/88 - 66



NMC-14TBK

KRONE - KRONE with no cutting

Part Number	Description	Housing material	Color	Package
NMC-3640RB	Impact punch-down tool with NMC-14TA blade	Plastic	Black & Yellow	Blister
NMC-3640R	Impact punch-down tool, no blade	Plastic	Black & Yellow	Blister
NMC-13TB	Spare blade, 110/88 – 110/88 with no cutting	Chromium molybdenum steel	Metallic	PE Bag
NMC-14TA	Spare blade, 110/88 – 66	Chromium molybdenum steel	Black	PE Bag
NMC-14TBK	Spare blade, KRONE – KRONE with no cutting	Chromium molybdenum steel	Black	PE Bag

Warranty: 1 year

## Keystone jacks fixing aid



Fixing platform is a valuable assistant for keystone jacks termination. Safely holds the jack for convenient work



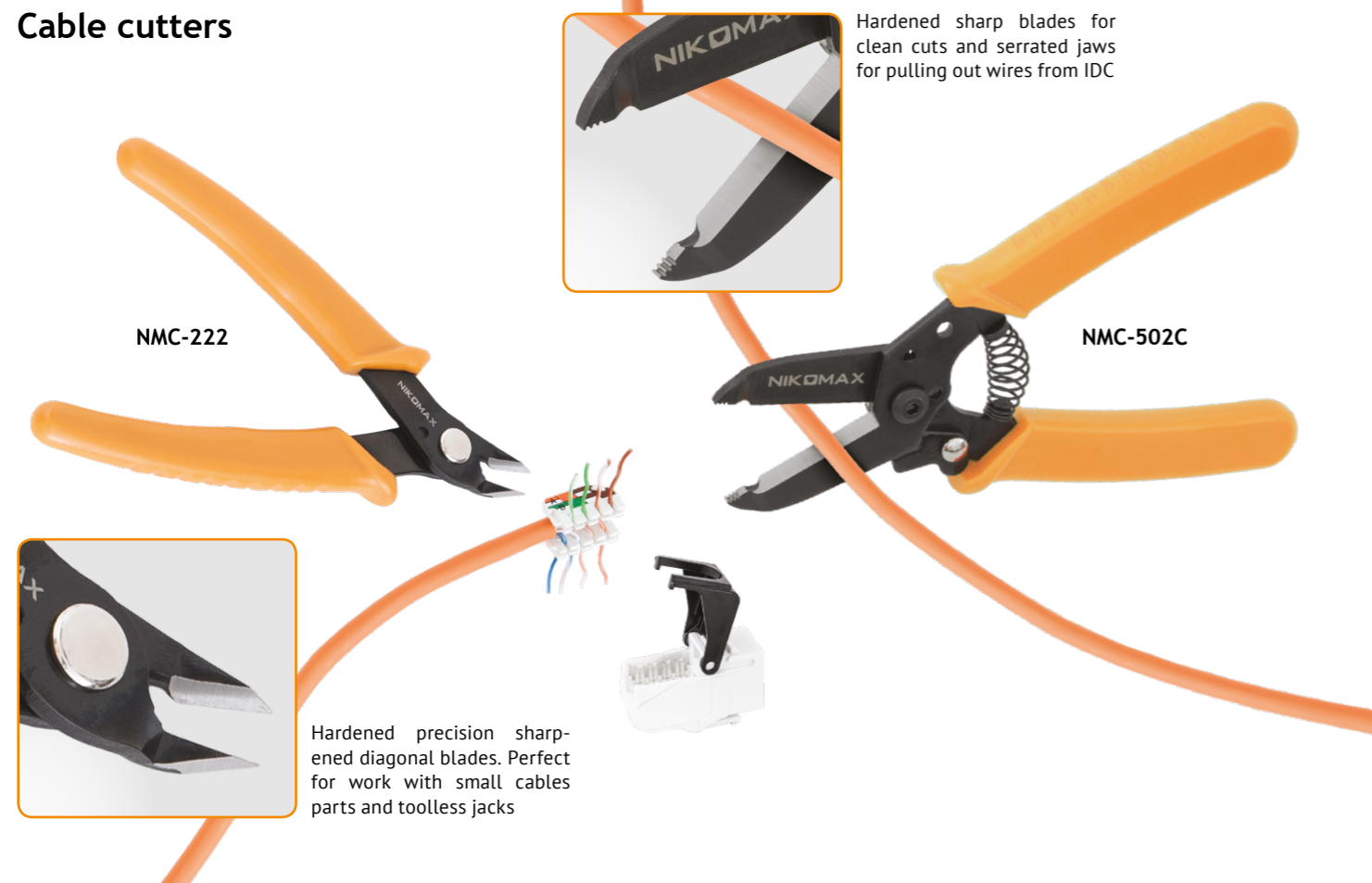
Supports three jack types: standard 90 degree, old-fashion thick 90 degree and 180 degree jacks



Part Number	Description	Housing material	Color	Package
NMC-KJ-FIX-OR	Fixing aid platform for keystone jacks	Plastic	Orange	PE Bag

Warranty: 1 year

## Cable cutters



Hardened sharp blades for clean cuts and serrated jaws for pulling out wires from IDC

Hardened precision sharpened diagonal blades. Perfect for work with small cables parts and toolless jacks

Part Number	Description	Housing material	Color	Package
NMC-222	Precision cable cutter	Blackened steel	Black & orange	Blister
NMC-502C	Cable cutter	Blackened steel	Black & orange	Blister

Warranty: 1 year

## Cable strippers



Spring loaded cradle for a smooth and uniform rotation around the cable. Clean and accurate cutting (for NMC-350)

Blade depth adjustment

Inbuilt cable cutter

Ergonomic handles

NMC-350

Part Number	Description	Max. cable diameter	Housing material	Color	Package
NMC-350	For round cables	Up to 9.5 mm	Plastic	Yellow	Blister

Warranty: 1 year

## Optical Fiber stripping device & Scissors for aramid fibers cutting



Three stripping options:  
For ~3 mm outer jacket  
For 900 μm buffer insulation  
For 250 μm buffer (acrylate coating)

Pullback spring

Lock mechanism to keep blades in closed position

Screw stopper for fine tuning

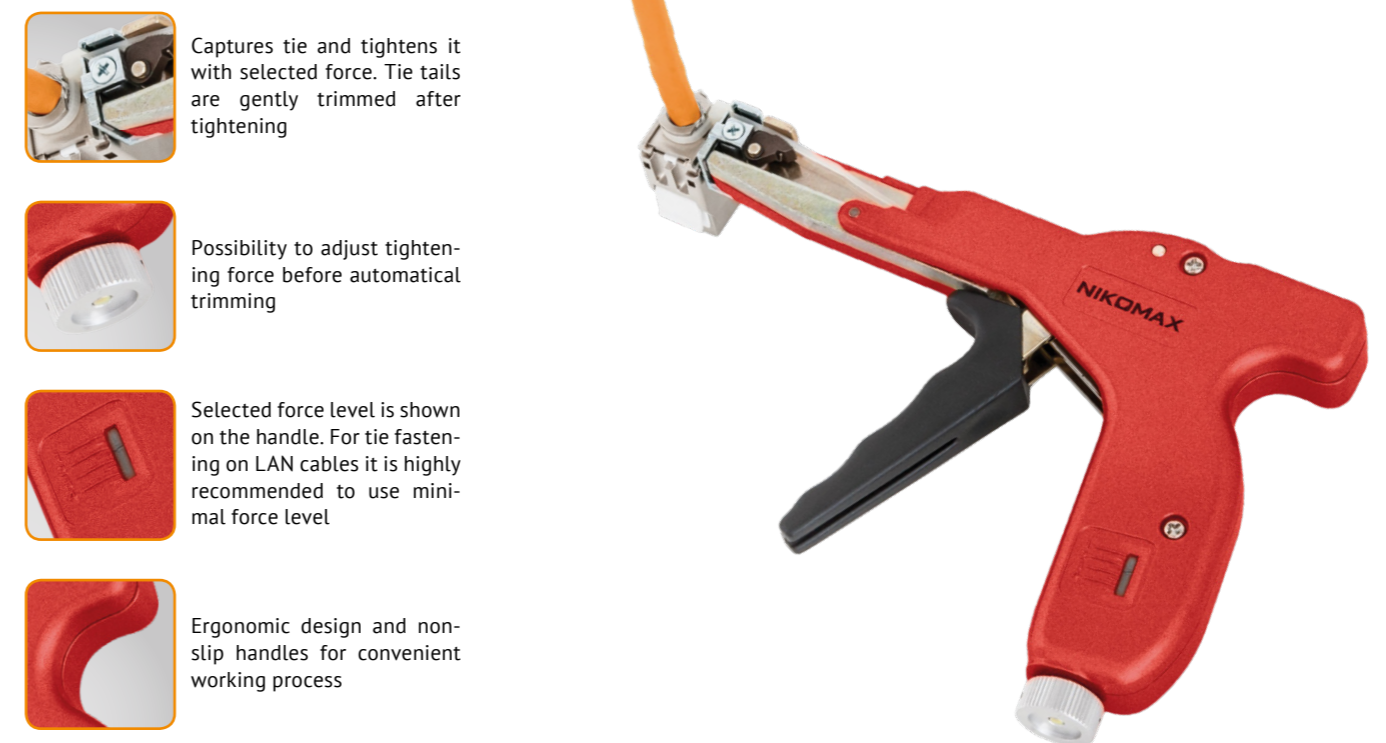
Serrated blades for Aramid cutting prevent yarns slipping

Ergonomic handles

Part Number	Description	Housing material	Handles	Color	Package
NMC-S144H	Optical Fiber stripping device	Blackened steel	Non-slip TPR	Black & Yellow	Blister
NMC-C151	Aramid fibers cutter	Steel	Non-slip TPR	Blue	Blister

Warranty: 1 year

## Nylon ties fastening tool



Captures tie and tightens it with selected force. Tie tails are gently trimmed after tightening

Possibility to adjust tightening force before automatical trimming

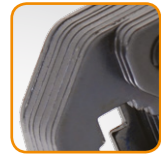
Selected force level is shown on the handle. For tie fastening on LAN cables it is highly recommended to use minimal force level

Ergonomic design and non-slip handles for convenient working process

Part Number	Description	Max. tie width	Max. tie thickness	Housing material	Color	Package
NMC-328	Tie Fastening tool	Up to 4.8 mm	Up to 1.6 mm	Aluminum alloy	Red	Blister

Warranty: 1 year

## Crimping tools



Professional tool with high strength construction of multi-layer blackened steel



Supported plugs:  
RJ45/8P8C, RJ12/6P6C,  
RJ11/6P4C, 4P4C, 4P2C  
DEC



Inbuilt cable cutter, flat and round cables stripper



High strength tool. Crimping section made of a solid piece of zinc alloy



Supported plugs:  
RJ45/8P8C,  
RJ12/6P6C, RJ11/6P4C



Inbuilt cable cutter.  
Separate round cable  
stripper as a set



Two point linkage increases strength and prevent loosening with active use



Supported plugs:  
RJ45/8P8C,  
RJ12/6P6C, RJ11/6P4C



Inbuilt cable cutter, flat and round cables stripper



### NMC-2008AR

**Set includes:**  
Crimping tool – 1 pc.  
Flat blade screwdriver – 1 pc.



### NMC-500R

**Set includes:**  
Crimping tool – 1 pc.  
Stripping device – 1 pc.



### NMC-568R

**Set includes:**  
Crimping tool – 1 pc.

Part Number	Supported plugs	Crimping section housing material	Handles	Color	Package
NMC-2008AR	RJ45/8P8C, RJ12/6P6C, RJ11/6P4C, DEC, 4P4C, 4P2C	Multilayer steel	Non-slip PVC	Black & Orange	Blister
NMC-500R	RJ45/8P8C, RJ12/6P6C, RJ11/6P4C	Aluminum alloy	Non-slip TPR	Black & Blue-Orange	Blister
NMC-568R	RJ45/8P8C, RJ12/6P6C, RJ11/6P4C	Steel	Non-slip PVC	Black & Orange	Blister

Warranty: 1 year

## Professional Tool Kit for Copper Solutions

Professional Tool Kit for Copper Solutions **NMC-TOOL-KIT-1** is designed to satisfy all general needs for LAN cable laying.

Handy plastic case includes 3 main tools (Crimping Tool, Punch Down Tool, Cable Stripper) and several additional accessories.



### Set includes:

- Cable Stripper (NMC-350) – 1 pc.
- Punch Down Tool (NMC-364OR) – 1 pc.
- 110 type blade (NMC-14TA) – 1 pc.
- Krone type blade (NMC-14TBK) – 1 pc.
- Fixing Aid (NMC-KJ-FIX-OR) – 1 pc.
- Crimping Tool (NMC-500R) – 1 pc.
- RJ45 Cat.6 Plugs (NMC-RJ88RZ50UE3) – 20 pcs.
- RJ45 Boots (NMC-RJBOOT65B-TR) – 20 pcs.
- Plastic case – 1 pc.
- User manual – 1 pc.

Part Number	Description	Color	Package
NMC-TOOL-KIT-1	Professional Tool Kit for Copper Solutions	Black and orange	Plastic case

Warranty: 1 year

## Nut ejector tool

Nut ejector is designed to remove and insert square cage screw nuts from the rack strips. Saves your fingers when installing and uninstalling cage nuts.

NMC-NUT-INJ-OR nut ejector is an invaluable helper for engineers and installers who wants to insert or extract the cage nuts (e.g. in 19" racks, or matching components). It is very easy to use and reduces the risk of injury when installing or removing the devices with screwdriver or other inappropriate instrument. Moreover, this new handy tool ensures that there will be no damage to the cabinet or devices.



Part Number	Description	Material	Color	Package
NMC-NUT-INJ-OR	Nut ejector tool for square nuts	Durable plastic	Orange	PE bag

Warranty: 1 year

## LCD LAN cable tester with wire tracer, BNC & USB support

NMC-TED400TR is the most advanced cable tester in NIKOMAX product line. Includes a full set of tools & features for the most of occasions.



For use with UTP/STP network & telephone cables. Supports RJ45, RJ12 & RJ11



BNC cable check function



Checks for cable errors such as open circuit, short circuit, reverse connection, crossover & screen integrity



USB (type A to B) cable check function



Cable length measure up to 1000 meters (3200 ft)



Inbuilt flashlight (in wire tracer)



Wire tracer function to search for twisted pair or coaxial cable in a bundle. Also can locate a broken point of power supply line



Automatically shuts down with preselected delay: 15, 30, 60 or 120 min.

### Set includes:

Main unit – 1 pc.  
Wire tracer unit – 1 pc.  
Wiremap unit – 1 pc.  
RJ11-RJ11 cable – 1 pc.  
RJ45-RJ45 cable – 1 pc.  
Alligator forceps – 1 pc.  
Earphones – 1 pc.  
Fabric case – 1 pc.  
User manual – 1 pc.



Part Number	Description	Supported jacks	Housing material	Color	Package
NMC-TED400TR	UTP/STP cable tester with wire tracer	RJ45, RJ12, RJ11, BNC, USB	Plastic	Red	Box & fabric case

Warranty: 1 year

## LCD LAN cable tester

NMC-TED300 is a handy and compact network cable tester with a bright LCD screen and broad capacities.

### Set includes:

Main unit – 1 pc.  
Wiremap unit – 1 pc.  
Fabric case – 1 pc.  
User manual – 1 pc.



For use with UTP/STP network cables. Supports RJ45 jacks only



Checks for cable errors such as open circuit, short circuit, reverse connection, crossover & screen integrity



Cable length measure up to 1000 meters (3200 ft)



Automatically shuts down with preselected delay: 15, 30, 60 or 120 min.



Dark gray	Description	Supported jacks	Housing material	Color	Package
NMC-TED300	UTP/STP cable tester	RJ45	Plastic	Dark gray	Box & fabric case

Warranty: 1 year

## LAN cable tester with intercom system

NMC-TE300 – is a simple but functional cable tester, well-proven among network installers. Intercom allows to communicate on distance.



For use with UTP/STP network & telephone cables. Supports RJ45, RJ12 & RJ11



BNC cable check function



Checks for cable errors such as open circuit, short circuit, reverse connection, crossover & screen integrity



Automatic scanning & indication or manual wire selection



Equipped with intercom, allowing you to communicate with the assistant on the far end of cable link



### Set includes:

Main unit – 1 pc.  
Remote unit – 1 pc.  
RJ45-RJ12 adapter – 2 pcs.  
BNC M/M adapter – 1 pc.

RJ45-RJ12 cable – 2 pc.  
RJ45-RJ45 cable – 1 pc.  
RJ45-BNC cable – 2 pcs.  
Earphone – 2 pcs.

Batteries – 2 pcs.  
Plastic case – 1 pc.  
User manual – 1 pc.

Part Number	Description	Supported jacks	Housing material	Color	Package
NMC-TE300	UTP/STP cable tester	RJ45, RJ12, RJ11, BNC	Plastic	Yellow	Plastic case

Warranty: 1 year

## Portable LAN cable tester

NMC-TE100PF is a small & simple tester perfect for a quick cable or patch cord test. Can be divided into two parts.

### Set includes:

Main unit – 1 pc.  
Remote unit – 1 pc.  
Fabric case – 1 pc.  
User manual – 1 pc.



For use with UTP/STP network & telephone cables. Supports RJ45, RJ12 & RJ11



Checks for cable errors such as open circuit, short circuit, reverse connection, crossover, cross-talk & screen integrity



Port Flash function highlights corresponding switch port on the other side of the line



Two indication speed levels or manual wire selection



Inbuilt flashlight



Part Number	Description	Supported jacks	Housing material	Color	Package
NMC-TE100PF	UTP/STP cable tester	RJ45, RJ12, RJ11	Plastic	Dark gray	Box & fabric case

Warranty: 1 year

## Pocket LAN cable tester

**NMC-TE400** is the most simple and compact tester for a quick patch cord or crimped cables test with RJ45 jacks. Supplied as one piece, with no separate receiver module.

**Set includes:**  
Main unit – 1 pc.  
Batteries – 1 set



For use with UTP/STP network cables. Supports RJ45 jacks only



Checks for cable errors such as open circuit, short circuit, reverse connection, crossover & screen integrity



Ethernet signal presence detection. Can be used to check if the outlet is connected to switch

Part Number	Description	Supported jacks	Housing material	Color	Package
NMC-TE400	UTP/STP cable tester	RJ45	Plastic	Gray	Blister

**Warranty:** 1 year

## Icons description

Special icons are used throughout the catalogue to indicate different item properties. Below you can find interpretation of their meanings:

- Category: Cat. 5e, Cat.6, etc...
- Shielded construction
- Unshielded construction
- Optical fiber class
- Optical fiber plug type & polish
- Tight buffer
- Suitable for indoor use
- Suitable for outdoor use
- Suitable for cable ducts
- Compatible with blowing machine
- Rat protection (armored design)
- With messenger or self-supporting
- Dielectric design
- Drum in box package
- Wooden drum package



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**Sergey Mukhamedyarov**  
contributor

**Igor Nikolaychuk**  
technical editor

**Alexander Kolbyko**  
proofreader, photographer

**Marina Belousova**  
contributor, photographer

**Violetta Prelovskaya**  
photographer

**Alina Leyman**  
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**Yalin Huang**  
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