

NKL 9100C-ZZ – LSZH Jacket, 8 Colors
NKL 9100A-IY – PVC Jacket, Ivory

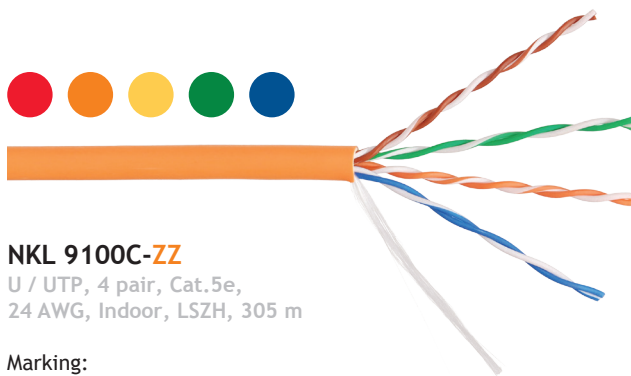
NIKOLAN Cables U/UTP 4 Pair Cat.5e, Indoor, 24 AWG, Solid, 100 MHz, 305 m

- ✓ ISO/IEC 11801, EN 50173 & ANSI/TIA-568-C.2, RoHS, REACH Compliant, CE CPR Certified(NKL-9100C-ZZ)
- ✓ Component Warranty - 5 years
System Warranty - 25 years

Four-pair Category 5e twisted pair cable is designed to use in high-speed data transmission systems at speed up to 1 Gbit/s.

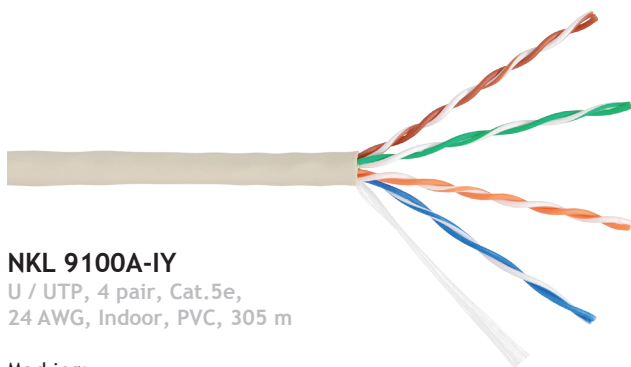
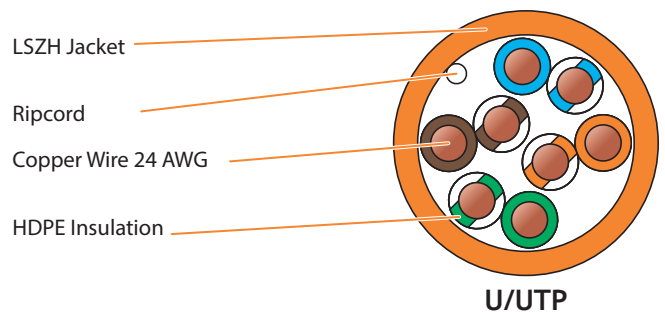
- **NKL 9100C-ZZ** Category 5e cable is unshielded U/UTP, and designed for indoor cabling. The outer jacket is made of low smoke and non-combustible LSZH. And available in 5 colors, such as red (RD), orange (OR), yellow (YL), green (GN), and blue (BL).
- **NKL 9100A-IY** Category 5e cable is unshielded U/UTP, and designed for indoor cabling. The outer jacket is made of PVC.

NIKOLAN 9th Series cables are packed with drums, guaranteeing safety during transportation, stable performance and ease of use when unwinding and installation. These cables are used for construction of cable networks based on NIKOMAX structured cabling with system support.



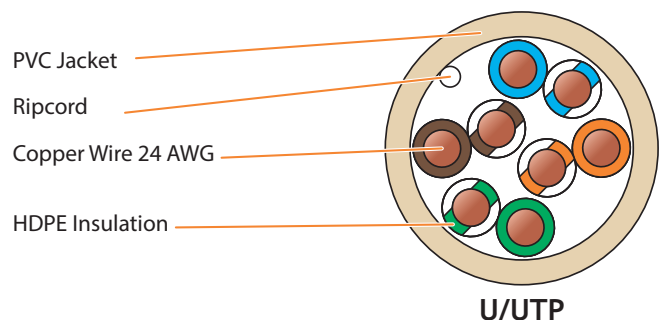
NKL 9100C-ZZ
 U / UTP, 4 pair, Cat.5e,
 24 AWG, Indoor, LSZH, 305 m

Marking:
 NIKOLAN NKL 9100C-OR U / UTP SOLID CABLE 4P CATEGORY 5E
 24AWG LSZH (Hr (A) -HFLTx) Class Eca ISO / IEC 11801 & EN 50173 &
 ANSI / TIA-568-C.2 NVP 0.69 (CT) YYMM xxxM



NKL 9100A-IY
 U / UTP, 4 pair, Cat.5e,
 24 AWG, Indoor, PVC, 305 m

Marking:
 NIKOLAN NKL 9100A-IY U / UTP SOLID CABLE 4P CATEGORY 5E 24AWG
 PVC (Hr (A)) ISO / IEC 11801 & EN 50173 & ANSI/TIA-568-C.2 NVP
 0.69 (CT) YYMM xxxM



Package Content	
Copper Cable	305 m

Legend :

- ZZ - Jacker color :**
- | | |
|-------------|-------------|
| OR - Orange | BL - Blue |
| VL - Violet | WT- White |
| RD - Red | YL - Yellow |
| GN- Green | GY - Gray |

The manufacturer reserves the right to alter the appearance and characteristics of the product, without compromising the product's functionality

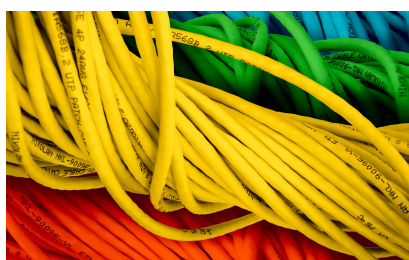
Specification

	NKL 9100C-ZZ	NKL 9100A-IY
Category	5e	
Bandwidth (MHz)	100 MHz	
Type of cable	U/UTP	
Number of pairs	4	
Conductor material	Copper	
Type of conductor	Solid	
Diameter of wire (mm)	24 AWG (0.51 ± 0.008 mm)	
Material of conductor insulation	High Density Polyethylene (HDPE)	
Thickness of conductor insulation	0.20 ± 0.02 mm	
Diameter of wire insulation	0.91 ± 0.05 mm	
Material of ourter jacket	LSZH, IEC 60332-1	Polyvinyl Chloride(PVC)
Area of application	Indoor	
Jacket Thickness	0.5 ± 0.05 mm	
Outer jacket diameter, mm	5.2 ± 0.3 mm	
Jacket color	8 Colors	Ivory
Protective film	-	
Ripcord	Yes	
Mass density (kg) per unit length (km)	31.3 ± 0.5 kg/km	30.9 ± 0.5 kg/km
Min. bending radius during cabling	Not less than 8 times the cable diameter	
Min. bending radius during operation	Not less than 4 times the cable diameter	
Max. tensile strength, N	No more than 80N	
Characteristic impedance, ohms	100 ± 15 ohms at 20°C	
Nominal velocity of propagation (NVP)	69% ± 1%	
Max. conductor resistance(DC), ohms/km	≤ 94 ohms/km at 20°C	
Length, m	305	
Compliance	ISO/IEC 11801, EN 50173 and ANSI/TIA-568-C.2, RoHS, REACH	
Application	10BASE-T, 100BASE-TX, 100BASE-T4, 1000BASE-T, ATM-25, ATM-51, ATM-155, 100VG-AnyLan, TR-4, TR-16 Active, TR-16 Passive	
Temperature range	Storage -20 to +60°C. Installation from 0 to +50°C. Operating from -20 to +60°C	
Individual packing	Reel in box	
Package dimensions (WxH or WxHxD), mm	335x335x265 mm	
Warranty	Extended - 15 years. 25 years - as part of the NIKOMAX structured cabling systems.	

Ordering Table

Part Number	Pairs	Category	Type	Jacket Material	Color	Length, m	Volume, m ³	Weight, kg
NKL 9100C-ZZ	4	5e	U/UTP	LSZH	OR,RD,YL,GN,BL,GY,VL,WT	305	0.0297	11.2
NKL 9101C-OR	4	5e	U/UTP	LSZH	Orange	100	0.0143	3.17
NKL 9100A-IY	4	5e	U/UTP	PVC	Ivory	305	0.0297	11.0

Other package options available by request.



Accessories

- Patch Panel: NMC-RP24UD2-HU-MT , NMC-RP24UD2-1U-MT
- Snap-in Patch Panel: NMC-RP24-BLANK-HU-MT, NMC-RP24-BLANK-1U-MT
- Keystone Jack: NMC-KJUD2-FT-MT, NMC-KJUD2-NT-MT, NMC-KJUD2-WT
- Wall Outlet with FT Jack: NMC-WO1UD2-FT-ST-WT, NMC-WO2UD2-FT-ST-WT
- Wall Outlet: NMC-WO1UD2-WT, NMC-WO2UD2-WT
- Patch Panel 110: NMC-RB110-100, NMC-RB110-200
- Wall Block 110: NMC-CB110-50L, NMC-CB110-100L, NMC-CB110-50NL, NMC-CB110-100NL
- Connector 110: NMC-CC110UD4-100, NMC-CC110UD5-100
- Fast Termination Tool for FT Series Jack : NMC-FT-TOOL; Insets: NMC-FT-INSET
- 5 Pair Punch Down Tool 110: NMC-315DR; Insets: NMC-TA15B (4 pairs)
- Insert blade for NMC-3640R: NMC-14TA (110), NMC-14TBK (Krone)
- Cable Cutter: NMC-502C; Precise cable cutter: NMC-222

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