

NKL 4455C-ZZ – LSZH Jacket, Ice Blue

NKL 4455A-GY – PVC Jacket, Grey

NIKOLAN Cables U/FTP 4 Pair Cat.6_A, Indoor, 23 AWG, Solid, 500 MHz, 500 m

ISO/IEC 11801, EN 50173 &
ANSI/TIA-568-C.2, RoHS,
REACH Compliant

A wide range of 4th series cables will solve most of the problems associated with building networks, and while an excellent performance will guarantee a trouble-free operation for the whole life of the network. They are used to build a certified NIKOMAX SCS with a warranty period of up to 15 years. Indoor cable lineup includes shielded (S/FTP, U/FTP, F/UTP) and unshielded (U/UTP) models of categories from 5e to 7_A with PVC or LSZH shells. Supplied in easy-pull-out boxes with an increased diameter insert for unwinding or on plywood drums (for heavy models).

- NKL 4455C-ZZ Category 6_A cable is shielded U/FTP, and designed for indoor cabling. The outer jacket is made of low smoke and non-combustible LSZH.
- NKL 4455A-GY Category 6_A cable is shielded U/FTP, and designed for indoor cabling. The outer jacket is made of PVC.

Supplied by 500 m in wooden drum.



NKL 4455C-ZZ

U/FTP, 4 pairs, Cat.6_A,
23 AWG, indoor, LSZH, 500m

Marking:

NIKOMAX NETWORK SOLUTIONS /// NIKOLAN NKL 4455C-IB U/FTP
SOLID CABLE 4P CATEGORY 6_A 23AWG Class Dca LSZH (Hr(A)-HFLT_x
) ISO/IEC 11801 & EN 50173 & ANSI/TIA-568-C.2 NVP 0.74 (ZL) YYYY
xxxM

LSZH Jacket

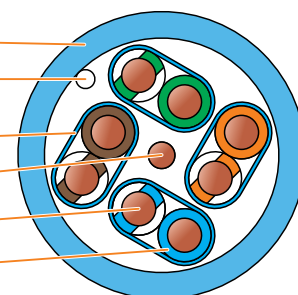
Rip-Cord

Individual shielding made from
Polyester/Aluminum foil

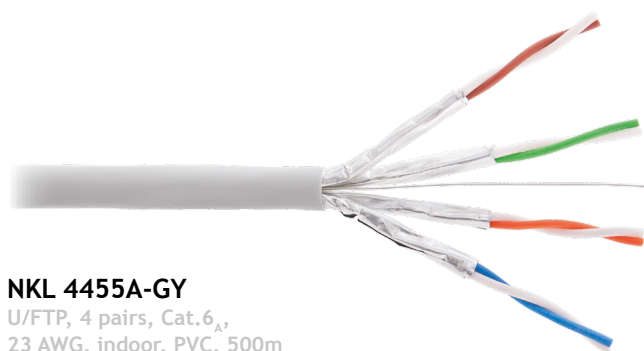
Drain wire, 26 AWG

Copper conductors, 23 AWG

PE Foam Insulation



U/FTP



NKL 4455A-GY

U/FTP, 4 pairs, Cat.6_A,
23 AWG, indoor, PVC, 500m

Marking:

NIKOMAX NETWORK SOLUTIONS /// NIKOLAN NKL 4455A-GY U/FTP
SOLID CABLE 4P CATEGORY 6_A 23AWG Class Eca PVC (Hr(A)) ISO/IEC
11801 & EN 50173 & ANSI/TIA-568-C.2 NVP 0.74 (ZL) YYYY xxxM

PVC Jacket

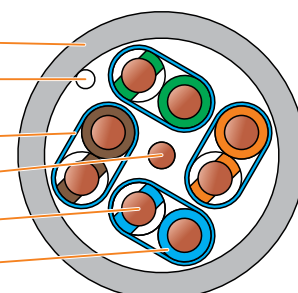
Rip-Cord

Individual shielding made from
Polyester/Aluminum foil

Drain wire, 26 AWG

Copper conductors, 23 AWG

PE Foam Insulation



U/FTP

Legend :

ZZ - Jacket color :

OR - Orange

VL - Violet

RD - Red

GN- Green

BL - Blue

WT- White

YL - Yellow

GY - Gray

Package content

Cable 500 m

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

Technical characteristics

	NKL 4455C-zz	NKL 4455A-GY
Category	6 _A	
Bandwidth	500 MHz	
Construction	U/FTP	
Number of twisted pairs	4	
Material of conductors	Pure copper	
Type of conductors	Solid	
Diameter of conductors	23 AWG (0.56 ± 0.01 mm)	
Conductors insulation material	PE foam	
Insulation thickness of conductors	0.38 ± 0.02 mm	
Diameter of conductor insulation	1.33 ± 0.05 mm	
Outer jacket material / CPR Class	LSZH / Dca-s2,d2,a1	PVC / Eca
Usage	For indoor laying	
Outer jacket thickness	0.55 ± 0.05 mm	
Outer jacket diameter	7.3 ± 0.3 mm	
Outer jacket standard color	Ice Blue / Orange / White	Grey
Screen design	Individual Al/PES foil, 100% coverage, paved with a solid drain wire	
Protective film	-	
Rip cord	Yes	
Mass density per unit length	49.0 ± 0.5 kg/km	
Bending radius without load	≥ 4x OD	
Bending radius with load	≥ 8x OD	
Tensile strength	Max 100 N	
Characteristic impedance	100 ± 15 Ω	
Speed of signal propagation (NVP)	0.74 ± 0.1	
Max. conductor resistance (DC)	≤ 93.8 Ω/km	
Compliance to standards	Exceeds the requirements of the standards: ISO/IEC 11801. EN 50173 & TIA/EIA-568-C.2	
Supported applications	10BASE-T, 100BASE-TX, 100BASE-T4. 1000BASE-T, 10GBASE-T, 40GBASE-T (for Cat.7 _A) ATM-25. ATM-51. ATM-155. 100VG-AnyLan, TR-4. TR-16 Active, TR-16 Passive	
Temperature ranges	Storage from -20 to +60 °C. Installation from 0 to +50 °C. Operation from -20 to +60 °C	
Warranty**	Component – 5 years. System – 15 years as part of a certified NIKOMAX SCS	

Ordering table - 305 m package

Part number	Pairs	Cat.	Type	Usage, Jacket	Color	Length, m	Package	Size, mm	Volume, m ³	Weight, kg
NKL 4455C-IB	4	6 _A	U/FTP	Indoor, LSZH	Ice Blue	500	Drum	370x250	0.0300	27.0
NKL 4455C-OR	4	6 _A	U/FTP	Indoor, LSZH	Orange	500	Drum	370x250	0.0300	27.0
NKL 4455C-WT	4	6 _A	U/FTP	Indoor, LSZH	White	500	Drum	370x250	0.0300	27.0
NKL 4455A-GY	4	6 _A	U/FTP	Indoor, PVC	Grey	500	Drum	370x250	0.0300	27.0

Accessories

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