NIKOLAN Cables

NIKOMAX
NETWORK SOLUTIONS
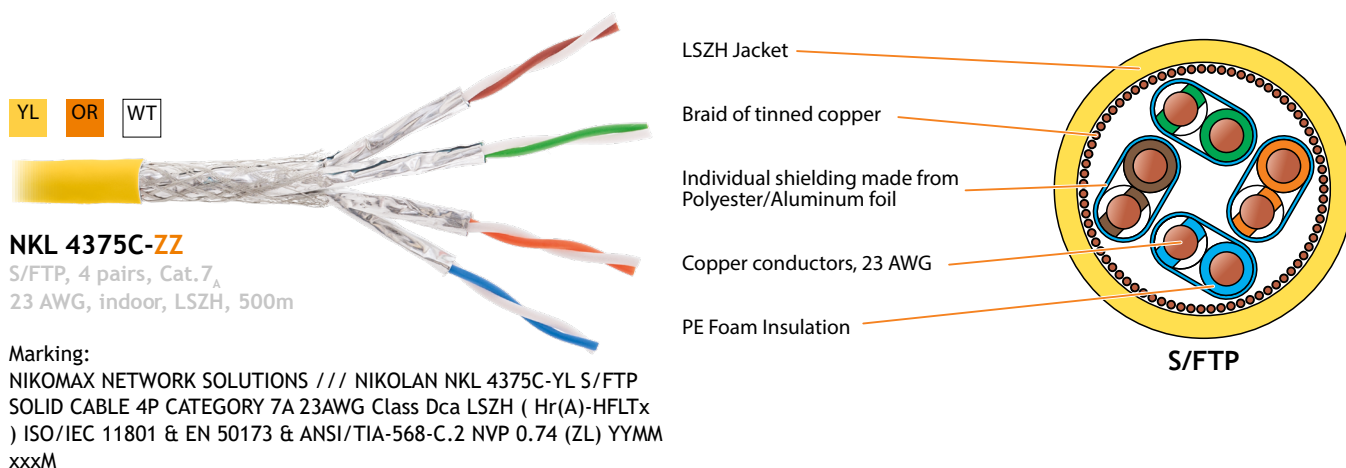
NKL 4375C-ZZ — LSZH Jacket, Yellow

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

NIKOLAN Cables S/FTP 4 Pair Cat.7$_A$, Indoor, 23 AWG, Solid, 1000 MHz, 500 m

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 categores 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 4375C-ZZ Category 7A cable is shielded S/FTP, and designed for indoor cabling. The outer jacket is made of low smoke and non-combustible LSZH.

Supplied by 500 m in wooden drum.

| YL | OR | WT |

NKL 4375C-ZZ
S/FTP, 4 pairs, Cat.7$_A$
23 AWG, indoor, LSZH, 500m

Marking:
NIKOMAX NETWORK SOLUTIONS /// NIKOLAN NKL 4375C-YL S/FTP SOLID CABLE 4P CATEGORY 7A 23AWG Class Dca LSZH (Hr(A)-HFLTx) ISO/IEC 11801 & EN 50173 & ANSI/TIA-568-C.2 NVP 0.74 (ZL) YYMM xxxM

LSZH Jacket
Braid of tinned copper
Individual shielding made from Polyester/Aluminum foil
Copper conductors, 23 AWG
PE Foam Insulation

S/FTP

Legend :

ZZ - Jacker 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

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Technical characteristics

	NKL 4375C-zz
Category	7_A
Bandwidth	1000 MHz
Construction	S/FTP
Number of twisted pairs	4
Material of conductors	Pure copper
Type of conductors	Solid
Diameter of conductors	23 AWG (0.58 ± 0.01 mm)
Conductors insulation material	PE foam
Insulation thickness of conductors	0.38 ± 0.02 mm
Diameter of conductor insulation	1.35 ± 0.05 mm
Outer jacket material / CPR Class	LSZH / Dca-s2,d2,a1
Usage	For indoor laying
Outer jacket thickness	0.55 ± 0.05 mm
Outer jacket diameter	7.8 ± 0.3 mm
Outer jacket standard color	Yellow / Orange / White
Screen design	Individual Al/PES foil, with 100% coverage under Braid made of tinned copper, with at least 30% coverage
Protective film	–
Rip cord	–
Mass density per unit length	57.2 ± 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, m³	Weight, kg
NKL 4375C-YL	4	7_A	S/FTP	Indoor, LSZH	Yellow	500	Drum	370x250	0.0300	32.5
NKL 4375C-OR	4	7_A	S/FTP	Indoor, LSZH	Orange	500	Drum	370x250	0.0300	32.5
NKL 4375C-WT	4	7_A	S/FTP	Indoor, LSZH	White	500	Drum	370x250	0.0300	32.5

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

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