

NKL 9350C-ZZ – LSZH Jacket, 2 Colors
NKL 9250A-IY – PVC Jacket, Ivory

NIKOLAN Cables S/FTP 4 Pair, Cat.6_A,
 Indoor, 23 AWG, Solid,
 500 MHz, 305 m

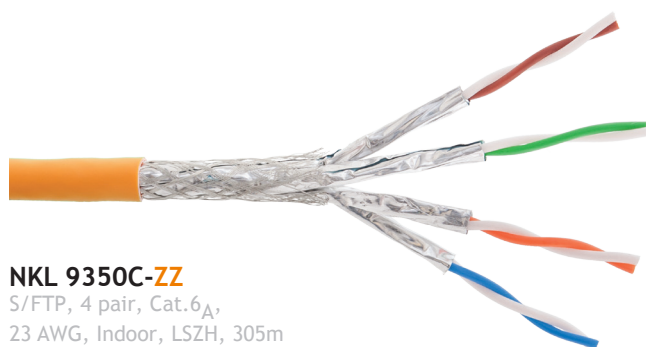


- ✓ ISO/IEC 11801, EN 50173 & ANSI/TIA 568-C.2, RoHS, REACH Compliant, CE CPR Certified (NKL-9350C-ZZ)
- ✓ GHMT Type Approval : NKL-9350C-OR
- ✓ Shielded Design
- ✓ Component Warranty - 5 years
System Warranty - 25 years

Four-pair Category 6_A twisted pair cable is designed to use in high-speed data transmission systems at speed up to 10 Gbit/s.

- **NKL 9350C-ZZ** Category 6_A cable is shielded S/FTP, and designed for indoor cabling. The outer jacket is made of low smoke and non-combustible LSZH.
- **NKL 9250A-IY** Category 6_A cable is shielded S/FTP, and designed for indoor cabling. The outer jacket is made of PVC.

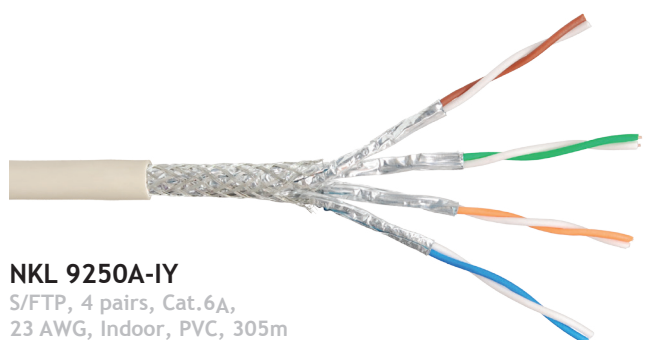
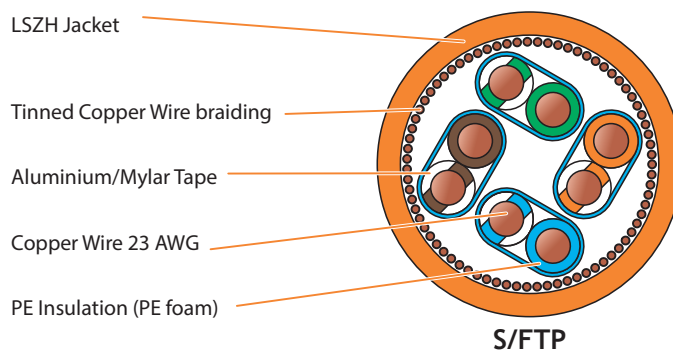
NIKOLAN 9th Series cables are packed with drums, guaranteeing safety during transportation, stable performance and ease of use when unwinding and installation. These cables are used for construction of cable networks based on NIKOMAX structured cabling with system support.



NKL 9350C-ZZ
 S/FTP, 4 pair, Cat.6_A,
 23 AWG, Indoor, LSZH, 305m

Marking:

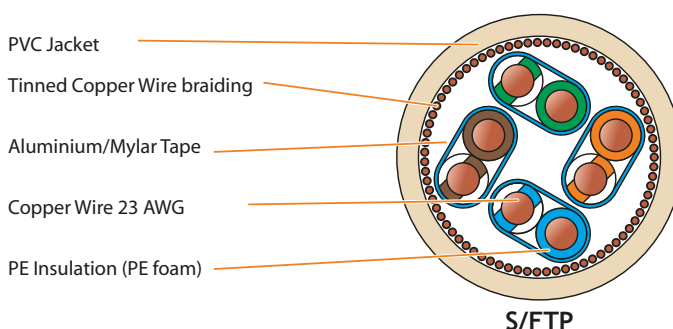
NIKOLAN NKL 9350C-OR S/FTP SOLID CABLE 4P CATEGORY 6A
 23AWG LSZH (Hr(A)-HFLTx) Class Dca-s1 d2 a1 ISO/IEC 11801 & EN
 50173 & ANSI/TIA-568-C.2 NVP 0.78 (CT) YYMM xxxM



NKL 9250A-IY
 S/FTP, 4 pairs, Cat.6_A,
 23 AWG, Indoor, PVC, 305m

Marking:

NIKOLAN NKL 9250C-OR S/FTP SOLID CABLE 4P CATEGORY 6A
 23AWG PVC (Hr(A)) ISO/IEC 11801 & EN 50173 &
 ANSI/TIA-568-C.2 NVP 0.78 (CT) YYMM xxxM



Package Content

Copper Cable	305 m
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The manufacturer reserves the right to alter the appearance and characteristics of the product, without compromising the product's functionality

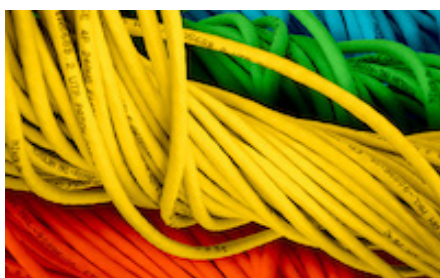
Specification

	NKL 9350C-ZZ	NKL 9250A-IY
Cable	6 _A	
Bandwidth (MHz)	500 MHz	
Type of cable	S/FTP	
Number of pairs	4	
Conductor material	Copper	
Type of conductor	Solid	
Diameter of wire (mm)	23 AWG (0.585 ± 0.01 mm)	
Material of conductor insulation	Polyethylene Foam (PE foam)	
Thickness of conductor insulation	0.43 ± 0.02 mm	
Diameter of wire insulation	1.45 ± 0.05 mm	
Material of ourter jacket	LSZH, IEC 60332-1	Polyvinyl Chloride(PVC)
Area of application	Indoor	
Jacket Thickness	0.7 ± 0.05 mm	
Outer jacket diameter, mm	7.4 ± 0.3 mm	
Jacket color	Orange / White	Ivory
Individual shielding	100% Polyester Aluminum foil	
Shielding	Tinned copper wire braiding, with min. 40% coverage	
Protective film	-	
Ripcord	-	
Mass density (kg) per unit length (km)	55.8 ± 0.5 kg/km	57.8 ± 0.5 kg/km
Min. bending radius during cabling	Not less than 10 times the cable diameter	
Min. bending radius during operation	Not less than 8 times the cable diameter	
Max. tensile strength, N	No more than 100N	
Characteristic impedance, ohms	100 ± 15 ohms at 20°C	
Nominal velocity of propagation (NVP)	78% ± 1%	
Max. conductor resistance(DC), ohms/km	≤ 95 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, 10GBASE-T, ATM-25, ATM-51, ATM-155, 100VG-AnyLan, TR-4, TR-16 Active, TR-16 Passive	
Temperature ranges	Storage -20 to +60°C. Installation from 0 to +50°C. Operating from -20 to +60°C	
Individual packing	Wooden Drum	
Package dimensions (WxH or WxHxD), mm	350x265 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 9350C-ZZ	4	6 _A	S/FTP	LSZH	Orange, White	305	0.0255	19.2
NKL 9351C-OR	4	6 _A	S/FTP	LSZH	Orange	100	0.0143	5.75
NKL 9250A-IY	4	6 _A	S/FTP	PVC	Ivory	305	0.0255	18.7

Other package options available by request.



Accessories

Patch Panel: NMC-RP24-BLANK-HU-MT, NMC-RP24-BLANK-1U-MT
 Keystone Jack: NMC-KJSA2-FT-MT, NMC-KJSA2-NT-MT
 Fast Termination Tool for FT Series Jack: NMC-FT-TOOL: NMC-FT-TOOL
 Punch down Tool: NMC-3640R
 Insert blade for NMC-3640R: NMC-14TA, NMC-14TBK
 Precise Cable Cutter: NMC-222
 Cable Cutter: NMC-502C
 Wire Stripper & Cutter: NMC-S501B
 Cable Tie Gun NMC-328

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