NKL 9350C-zz

NIKOLAN Cable S / FTP, 4 pairs, Cat.6A, 23 AWG, Indoor, LSZH, 305M

NIKOLAN 9th series cables are suitable for projects of any complexity and used to build certified NIKOMAX SCS. The highest quality of production guarantees the superiority of characteristics over the most stringent world standards. NIKOLAN 9th series are delivered on drums guaranteeing safety during transportation, consistency of features and ease of operation during installation.

Shielded cables (F / UTP, SF / UTP) have good protection against external electromagnetic interference, which, with proper installation and grounding, ensures reliable operation of the network in a complex electromagnetic environment. Individual screening of each pair (F / FTP, S / FTP) additionally protects against crosstalk inside the cable, which ensures stable operation of high-speed applications at frequencies over 100 MHz.

Ordering Table

P/N	Number of pairs	Category	Type	Application	Color	Length, м	Volume, m3	Weight, kg
NKL 9350C-OR	4	6A	S/FTP	Indoor, LSZH	Orange	305	0.0255	19.2
NKL 9350C-WT	4	6A	S/FTP	Indoor, LSZH	White	305	0.0255	19.2
NKL 9351C-OR	4	6A	S/FTP	Indoor, LSZH	Orange	100	0.0143	5.75

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Detailed characteristics

Characteristic	Value
Category	6A
Bandwidth, MHz	500
Type	S/FTP
Number of pairs	4
Material of conductors	Copper
Type of conductors	Solid
Diameter of conductors, AWG	23 AWG (0.585 ± 0.01 mm)
Insulation material	Foamed polyethylene (PE foam)
Insulation conductor thickness, mm	0.43 ± 0.02 mm
Diameter of conductor insulation, mm	1.45 ± 0.05 mm
Outer jacket material	LSZH
CPR Class	CPR Class Dca-s1, d2, a1
Application	For Indoor installation
Jacket thickness, mm	0.7 ± 0.05 mm
Outer jacket diameter, mm	7.4 ± 0.3 mm
Jacket color	Orange / White
Screen construction (common screen)	Braid made of tinned copper wire with a coating area of at least 40%
Protective film	–
Ripcord	–
Mass density (kg) per unit length (km)	55.8 ± 0.5 kg/km
Radius of bending during laying	At least 10 cable diameters
Radius of bending during operation	At least 8 cable diameters
Maximum tensile strength	Not more than 100 N
Characteristic impedance, ohms	100 ± 15 ohms
Nominal velocity of propagation (NVP)	0.78 ± 0.1
Max. Conductor resistance(DC), ohms/km	≤ 95 ohms/km
Length, M	305 M
Compliance	Exceeds the requirements of the standards: ISO / IEC 11801, EN 50173 and ANSI / TIA -568-C.2
Supported applications	10BASE-T, 100BASE-TX, 100BASE-T4, 1000BASE-T, 10GBASE-T (For Cat. 6 & 6A), 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
Individual packing	Wooden Drum
Package dimensions (LxW or W x H x D), mm	350x265 mm
Warranty	Extended - 15 years. 25 years - As part of a certified NIKOMAX SCS.
Individual screen design	100% coverage of Polyester aluminum foil