NIKOMAX

NKL 4555C-OR

NIKOLAN Cable S/FTP 4 pair, Cat.6A, Indoor, 23 AWG, Solid, 500 Mhz, 500 m

Four-pair Category 6A twisted pair cable is designed to use in high-speed data transmission systems at speed up to 10 Gbit/s. NKL 4555C-OR Category 6A cable is shielded S/FTP, and designed for indoor cabling. The outer jacket is made of LSZH. NIKOLAN 4th series cables offer excellent performance at reasonable price which makes them the best choice for networking projects that do not require system support.

Ordering Table

P/N	Number of pairs	Category	Type	Jacket material	Color	Length, м	Volume, m3	Weight, kg
NKL 4555C-OR	4	6A	S/FTP	LSZH	Orange	500	-	-

NIKOLAN Cable S/FTP 4 pair, Cat.6A, Indoor, 23 AWG, Solid, 500 Mhz, 500 m

Detailed characteristics

Characteristic	Value
Bandwidth, MHz	500
Type	S/FTP
Material of conductors	Copper
Type of conductors	Solid
Diameter of conductors, AWG	23 AWG (0.560 ± 0.005 mm)
Insulation material	Skin-foam-skin PE
Insulation conductor thickness, mm	0.38 ± 0.02 mm
Diameter of conductor insulation, mm	1.330 ± 0.05 mm
Outer jacket material	LSZH
Application	For Indoor installation
Jacket thickness, mm	0.55 ± 0.05 mm
Outer jacket diameter, mm	7.5 ± 0.3 mm
Jacket color	Orange
Screen construction (common screen)	Braid made of tinned copper, with at least 30% coverage
Protective film	–
Ripcord	Yes
Mass density (kg) per unit length (km)	55.0 ± 0.5
Radius of bending during operation	Not less than 8 times the cable diameter
Maximum tensile strength	Not more than 100 N
Characteristic impedance, ohms	100 ± 15 Ω
Nominal velocity of propagation (NVP)	74%
Max. Conductor resistance(DC), ohms/km	≤ 93.8 Ω/km
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	370X250 mm
Warranty	Component warranty - 5 years, system warranty - 15 years
Individual screen design	Al/PES foil, 100% coverage, paved with a solid drain wire
Number of pairs	4
Category	6A
Compliance	ISO/IEC 11801. EN 50173 & TIA/EIA-568-C.2, REACH
Supported applications	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
Length, M	500
CPR Class	CPR Class Dca-s1, d2, a1