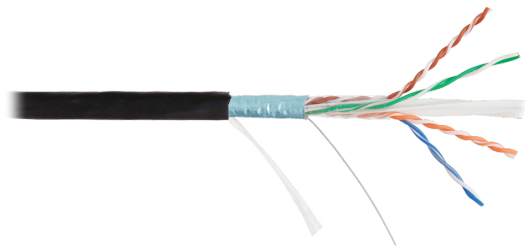# NIKOMAX

NKL 4755B-BK

NIKOLAN Cable F/UTP 4 pair, Cat.6A, Outdoor, 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 4755B-BK Category 6A cable is shielded F/UTP, and designed for outdoor cabling. The outer jacket made from dense polyethylene, resistant to UV, cold and external influences. NIKOLAN 4th series cables offer excellent performance at reasonable price which makes them the bestchoice 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 4755B-BK	4	6A	F/UTP	PE	Black	500	-	-

NIKOMAX

NIKOLAN Cable F/UTP 4 pair, Cat.6A, Outdoor, 23 AWG, Solid, 500 Mhz, 500 m

Detailed characteristics

Characteristic	Value
Bandwidth, MHz	500
Type	F/UTP
Material of conductors	Bare Copper
Type of conductors	Solid
Diameter of conductors, AWG	23 AWG (0.565 ± 0.005 mm)
Insulation material	High Density Polyethylene (HDPE)
Insulation conductor thickness, mm	0.27 ± 0.05 mm
Diameter of conductor insulation, mm	1.12 ± 0.05 mm
Outer jacket material	PE
Application	Outdoor
Jacket thickness, mm	0.6 ± 0.05 mm
Outer jacket diameter, mm	7.4 ± 0.4 mm
Jacket color	Black
Screen construction (common screen)	Al/PES foil, 100% coverage, paved with a solid drain wire
Protective film	Polyester
Ripcord	Yes
Mass density (kg) per unit length (km)	54.0 ± 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)	70%
Max. Conductor resistance(DC), ohms/km	≤ 93.8 Ω/km
Temperature ranges	Storage -60 to +60°C. Installation from -10 to +50°C. Operating from -60 to +60°C
Individual packing	Wooden Drum
Package dimensions (LxW or W x H x D), mm	-
Warranty	3 years
Individual screen design	-
Number of pairs	4
Category	6A
Compliance	ISO/IEC 11801, EN 50173 and ANSI/TIA-568.2-D, RoHS, REACH
Supported applications	10BASE-T, 100BASE-TX, 100BASE-T4, 1000BASE-T, 10GBASE-T (for Cat.6), ATM-25, ATM-51, ATM-155, 100VG-AnyLan, TR-4, TR-16 Active, TR-16 Passive
Length, M	500