

## NIKOL 4555B-BK – PE Jacket, Black

NIKOLAN Cable S/FTP 4 pairs, Cat.6A,  
Outdoor, 23 AWG, Solid,  
500 MHz, 500 m

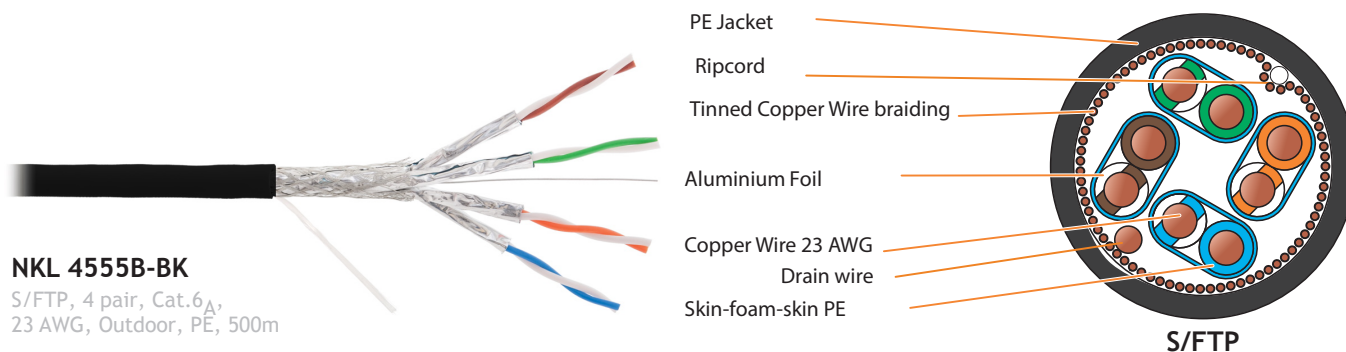
✓ Exceed the requirements of  
ISO / IEC 11801, EN 50173  
and ANSI / TIA / EIA-568

✓ Shielded Design

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

NIKOL 4555B-BK Category 6A cable is shielded S/FTP, 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 best choice for networking projects that do not require system support.



### NIKOL 4555B-BK

S/FTP, 4 pair, Cat.6A,  
23 AWG, Outdoor, PE, 500m

#### Marking:

NIKOMAX NETWORK SOLUTIONS /// NIKOLAN NKL 4555B-BK F/UTP  
SOLID CABLE 4P CATEGORY 6A 23AWG Class Fca PE OUTDOOR -60C  
ISO/IEC 11801 & EN 50173 & ANSI/TIA-568-C.2 NVP 0.74

## Specification

	NKL 4555B-BK
Category	6A
Bandwidth (MHz)	500 MHz
Type of cable	S/FTP
Number of pairs	4
Conductor material	Copper
Type of conductor	Solid
Diameter of wire (mm)	23AWG (0.560 ± 0.005 mm)
Material of conductor insulation	Polyethylene Foam (PE foam)
Thickness of conductor insulation	0.38 ± 0.02 mm
Diameter of wire insulation	1.330 ± 0.05 mm
Material of ourter jacket	PE
Area of application	Outdoor
Jacket Thickness	0.70 ± 0.05 mm
Outer diameter of jacket	7.6 ± 0.3 mm
Jacket color	Black
Individual shielding	Al/PES foil, 100% coverage, paved with a solid drain wire
Shielding	Braid made of tinned copper, with at least 30% coverage
Protective film	-
Ripcord	YES
Mass density (kg) per unit length (km)	60.80 ± 0.5
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	Max 100 N
Characteristic impedance, ohms	100 ± 15 Ω
Nominal velocity of propogation (NVP)	74%
Max. conductor resistance(DC), ohms/km	≤ 93.8 Ω/km
Length, m	500
Compliance	ISO/IEC 11801. EN 50173 & TIA/EIA-568-C.2, 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 range	Storage -60 to +60°C. Installation from -10 to +50°C. Operating from -60 to +60°C
Individual packing	Wooden Drum
Package dimensions (WxH or WxHxD), mm	-
Warranty	3 years

## Ordering Table

Part Number	Pairs	Category	Type	Jacket Material	Color	Length, m	Volume, m <sup>3</sup>	Weight, kg
NKL 4555B-BK	4	6A	S/FTP	PE	Black	500	-	-

Other package options available by request.

### Package Content

Copper Cable 500 m