

## NKL 4555C-BK – UV LSZH Jacket, Black

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

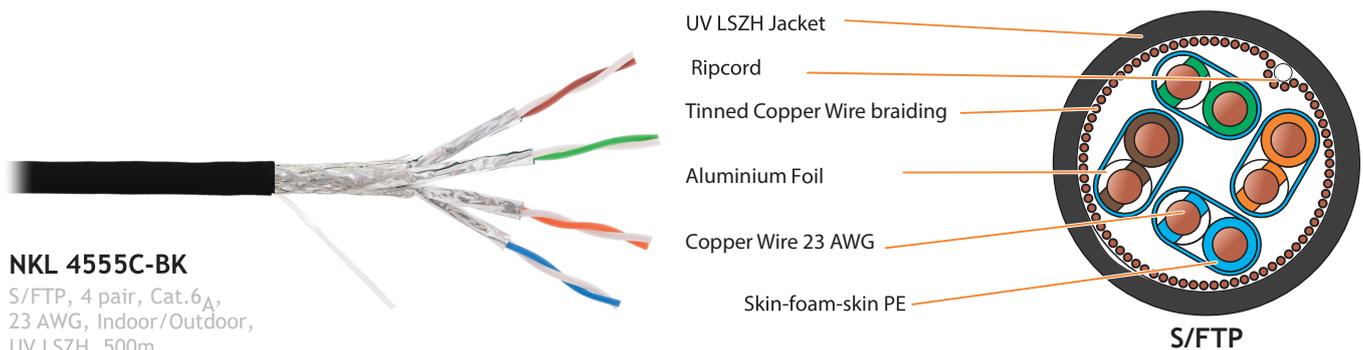
Exceed the requirements of  
ISO / IEC 11801, EN 50173  
and ANSI / TIA / EIA-568

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.

NKL 4555C-BK Category 6A cable is shielded S/FTP, and designed for indoor/outdoor cabling. The outer jacket is made of "UV 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.



### NKL 4555C-BK

S/FTP, 4 pair, Cat.6A,  
23 AWG, Indoor/Outdoor,  
UV LSZH, 500m

#### Marking:

NIKOMAX NETWORK SOLUTIONS /// NIKOLAN NKL 4555C-WT S/  
FTP SOLID CABLE 4P CATEGORY 6A 23AWG UV LSZH -40°C ( Hr(A)-  
HFLTx ) ISO/IEC 11801 & EN 50173 & ANSI/TIA-568-C.2 NVP 0.74



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

## Specification

NKL 4555C-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 outer jacket	UV LSZH
Area of application	Indoor/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 propagation (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 from -40 to +70 ° C. Installation from 0 to +70 ° C. Operation from -40 to +70 ° C
Individual packing	Wooden Drum
Package dimensions (WxH or WxHxD), mm	-
Warranty	Component warranty - 5 years, system warranty - 15 years

## Ordering Table

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

Other package options available by request.

### Package Content

Copper Cable 500 m