

NKL 4700B-BK – PE Jacket, Black

NIKOLAN Cable F/UTP 4 pairs, Cat.5e,
Outdoor, 24 AWG, Solid,
100 MHz, 305 m

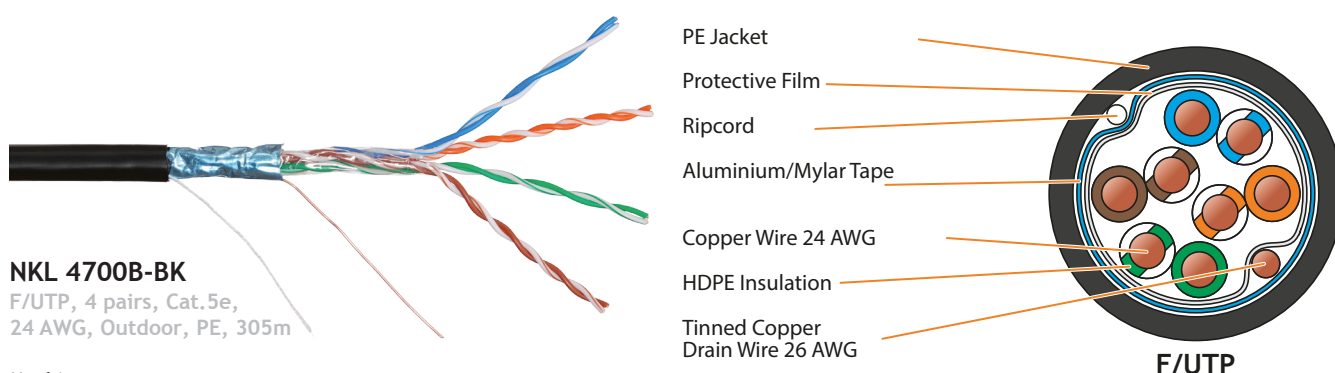
✓ ISO/IEC 11801, EN 50173
& ANSI/TIA 568-C.2, RoHS,
REACH Compliant, CE CPR
Certified(NKL-4700B-BK)

✓ Shielded Design

Four-pair Category 5e twisted pair cable is designed to use in high-speed data transmission systems at speed up to 1 Gbit/s.

NKL 4700B-BK Category 5e cable is shielded F/UTP, and designed for outdoor cabling. Tough 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. These cables are supplied in easy pull-out cartons.



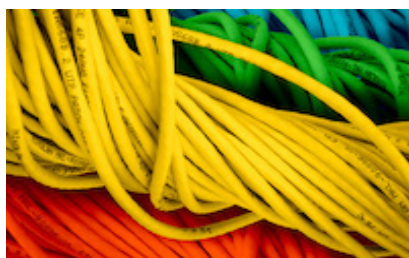
Marking:

NIKOLAN NKL 4700B-BK F/UTP SOLID CABLE 4P CATEGORY 5E
24AWG PE OUTDOOR -60C Class Fca ISO/IEC 11801 & EN 50173 &
ANSI/TIA-568-C.2 NVP 0.69

Package Content

Copper Cable

305 m



Accessories

Patch Panel: NMC-RP24UD2-HU-MT, NMC-RP24UD2-1U-MT
Snap-in Patch Panel: NMC-RP24-BLANK-HU-MT, NMC-RP24-BLANK-1U-MT
Keystone Jack: NMC-KJUD2-FT-MT, NMC-KJUD2-NT-MT, NMC-KJUD2-WT
Wall outlet with FT Jack: NMC-WO1UD2-FT-ST-WT, NMC-WO2UD2-FT-ST-WT
Wall outlet: NMC-WO1UD2-WT, NMC-WO2UD2-WT
Fast Termination Tool for FT Series Jack: NMC-FT-TOOL
Punch down Tool: NMC-3640R
Insert blade for NMC-3640R: NMC-14TA, NMC-14TBK
Precision Cable Cutter: NMC-222
Cable Cutter: NMC-502C
Wire Stripper & Cutter: NMC-S501B
Cable Tie Gun NMC-328

Specification

	NKL 4700B-BK
Category	5e
Bandwidth (MHz)	100 MHz
Type of cable	F/UTP
Number of pairs	4
Conductor material	Copper
Type of conductor	Solid
Diameter of wire (mm)	24 AWG (0.50 ± 0.005 mm)
Material of conductor insulation	High Density Polyethylene (HDPE)
Thickness of conductor insulation	0.25 ± 0.02 mm
Diameter of wire insulation	1 ± 0.03 mm
Material of outer jacket	PE
Area of application	Outdoor
Jacket Thickness	0.55 ± 0.05 mm
Outer diameter of jacket	6.2 ± 0.4 mm
Jacket color	Black
Individual shielding	-
Shielding	100% Polyester Aluminum foil and Drain Wire (26AWG)
Protective film	Polyester
Ripcord	yes
Mass density (kg) per unit length (km)	42 ± 0.5 kg/km
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	No more than 100 N
Characteristic impedance, ohms	100 ± 15 ohms at 20 °C
Nominal velocity of propagation (NVP)	69% ± 1%
Max. conductor resistance(DC), ohms/km	≤ 95 ohms/km at 20 °C
Length, m	305
Compliance	ISO/IEC 11801, EN 50173 and ANSI/TIA-568-C.2, RoHS, REACH
Application	10BASE-T, 100BASE-TX, 100BASE-T4, 1000BASE-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	Reel in box
Package dimensions (WxH or WxHxD), mm	420x420x210 mm
Warranty	Component - 5 years. System - 15 years as part of a certified NIKOMAX SCS

Ordering Table

Part Number	Pairs	Category	Type	Jacket Material	Color	Length, m	Volume, m ³	Weight, kg
NKL 4700B-BK	4	5e	F/UTP	PE	Black	305	0.0370	11.8
NKL 4701B-BK	4	5e	F/UTP	PE	Black	100	0.0094	3.9

Other package options available by request.