

## NKL 4640B-BK – PE Jacket, Black

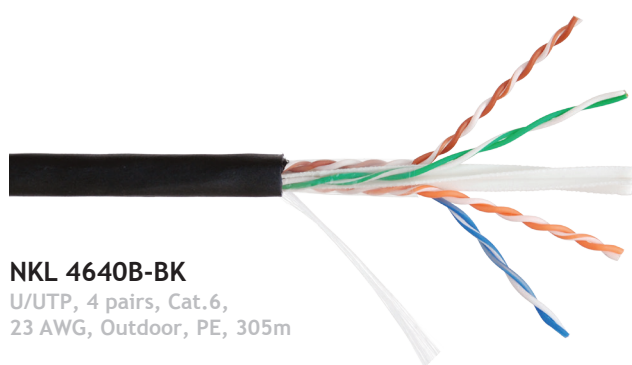
NIKOLAN Cable U/UTP 4 Pairs, Cat.6,  
Outdoor, 23 AWG, Solid,  
250 MHz, 305 m

✓ ISO/IEC 11801, EN 50173  
& ANSI/TIA 568-C.2, RoHS,  
REACH Compliant, CE CPR  
Certified(NKL-4640B-BK)

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

NKL 4640B-BK Category 6 cable is unshielded U/UTP, and designed for outdoor cabling. Tough outer jacket made from dense polyethylene, resistant to UV, cold and external influences.

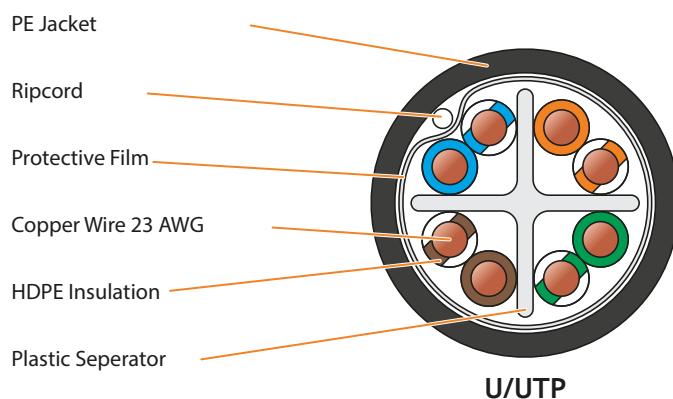
NIKOLAN 4th series cables offer excellent performance at reasonable price which makes them the best choice for networking projects that do not require system support.



**NKL 4640B-BK**  
U/UTP, 4 pairs, Cat.6,  
23 AWG, Outdoor, PE, 305m

### Marking:

NIKOLAN NKL 4640B-BK U/UTP SOLID CABLE 4P CATEGORY 6  
23AWG PE OUTDOOR -60°C Class Fca ISO/IEC 11801 & EN 50173 &  
ANSI/TIA-568-C.2 NVP 0.69



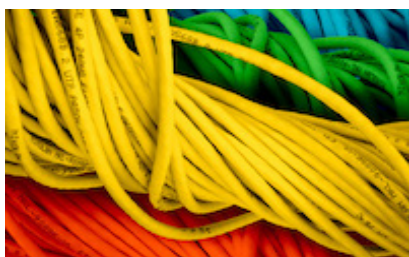
### Package Content

Copper Cable

305 m

### Accessories

Patch Panel: NMC-RP24UE2-HU-MT, NMC-RP24UE2-1U-MT  
Snap-in Patch Panel: NMC-RP24-BLANK-HU-MT, NMC-RP24-BLANK-1U-MT  
Keystone Jack: NMC-KJUE2-FT-MT, NMC-KJUE2-NT-MT, NMC-KJUE2-WT  
Wall outlet with FT Jack: NMC-WO1UE2-FT-ST-WT, NMC-WO2UE2-FT-ST-WT  
Wall outlet with FT Jack: NMC-WO1UE2-WT, NMC-WO2UE2-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  
Precise Cable Cutter: NMC-222  
Cable Cutter: NMC-502C  
Wire Stripper & Cutter: NMC-S501B  
Cable Tie Gun: NMC-328



## Specification

	NKL 4640B-BK
Category	6
Bandwidth (MHz)	250 MHz
Type of cable	U/UTP
Number of pairs	4
Conductor material	Copper
Type of conductor	Solid
Diameter of wire (mm)	23 AWG (0.57 ± 0.01 mm)
Material of conductor insulation	High Density Polyethylene (HDPE)
Thickness of conductor insulation	0.25 ± 0.02 mm
Outer diameter jacket	1.02 ± 0.03 mm
Material of ourter jacket	Polyethylene (PE)
Area of application	Outdoor
Jacket Thickness	0.6 ± 0.05 mm
Outer diameter of jacket	6.7 ± 0.5 mm
Jacket color	Black
Protective film	Polyester
Ripcord	Yes
Mass density (kg) per unit length (km)	42.6 ± 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, 10GBASE-T (55 m), 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	370x200 mm
Warranty	3 years

## Ordering Table

Part Number	Pairs	Category	Type	Jacket Material	Color	Length, m	Volume, m <sup>3</sup>	Weight, kg
NKL 4640B-BK	4	6	U/UTP	PE	Black	305	0.0270	14.5
NKL 4641B-BK	4	6	U/UTP	PE	Black	100	0.0094	4.14

Other package options available by request.