

NKL 4255C-BK – UV LSZH Jacket, Black

NIKOLAN Cable F/UTP 4 pair,
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 4255C-BK Category 6A cable is shielded F/UTP, 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.

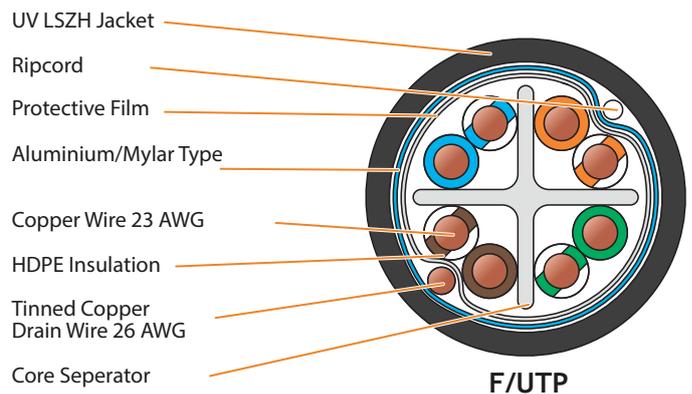


NKL 4255C-BK

F/UTP, 4 pairs, Cat.6A,
23 AWG, Indoor/Outdoor,
UV LSZH, 500m

Marking:

NIKOMAX NETWORK SOLUTIONS /// NIKOLAN NKL 4255C-BK F/UTP
SOLID CABLE 4P CATEGORY 6A 23AWG UV LSZH -40°C (Hr(A)-
HFLTx) ISO/IEC 11801 & EN 50173 & ANSI/TIA-568-C.2 NVP 0.69



Specification

NKL 4255C-BK	
Category	6A
Bandwidth (Mhz)	500 Mhz
Type of Cable	F/UTP
Number of Pairs	4
Conductor Material	Bare copper
Type of Conductor	Solid
Diameter of the Wire (mm)	23 AWG (0.565 ± 0.005 mm)
Material of Conductor Insulation	High Density Polyethylene (HDPE)
Thickness of the Conductor Insulation	0.27 ± 0.05 mm
Diameter of Wire Insulation	1.12 ± 0.05 mm
Material of the Outer Jacket	LSZH (complies RoHS), UV Resistant
Area of Application	Indoor/Outdoor
Jacket Thickness	0.6 ± 0.05 mm
Outer diameter of the Jacket	7.4 ± 0.4 mm
Jacket Color	Black
Individual Shielding	-
Shielding	Al/PES foil, 100% coverage, paved with a solid drain wire
Protective fil	Polyester
Ripcord	Yes
Mass density (kg) per unit length (km)	54.0 ± 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)	70%
Max. Conductor resistance(DC), ohms/km	≤ 93.8 ohms
Length, m	500
Compliance	ISO/IEC 11801, EN 50173 and ANSI/TIA-568.2-D, RoHS, REACH
Application	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
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 ³	Weight, kg
NKL 4255C-BK	4	6A	F/UTP	UV LSZH	Black	500		

Other package options available by request.

Package Content

Copper Cable	500 m
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