

NKL 4100C-ZZ — LSZH Jacket, 8 Colors

NKL 4100A-ZZ — PVC Jacket, 5 Colors

NIKOLAN Cable U/UTP 4 pairs, Cat.5e, Indoor, 24 AWG, Solid, 100 MHz

✓ ISO/IEC 11801, EN 50173 & ANSI/TIA 568-C.2, RoHS, REACH Compliant, CE CPR Certified (NKL-4100C-ZZ, NKL-4100A-ZZ)

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

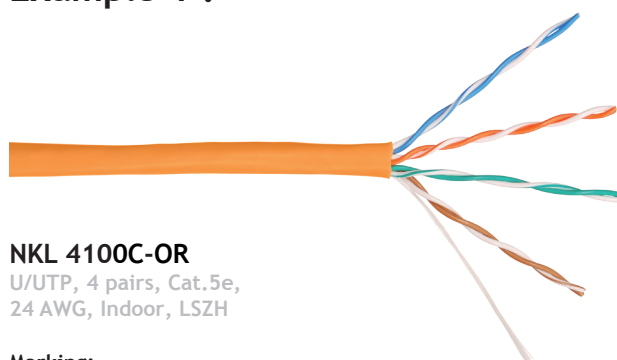
- **NKL 410XC-ZZ** Category 5e cable is unshielded U/UTP, and designed for indoor cabling. The outer jacket is made of low smoke and non-combustible LSZH.
- **NKL 410XA-ZZ** Category 5e cable is unshielded U/UTP, and designed for indoor cabling. The outer jacket is made of PVC.

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.

Legend :

ZZ - Jacker color :
OR - Orange
VL - Violet
RD - Red
GN- Green
BL - Blue
WT- White
YL - Yellow
GY - Gray

Example 1 :

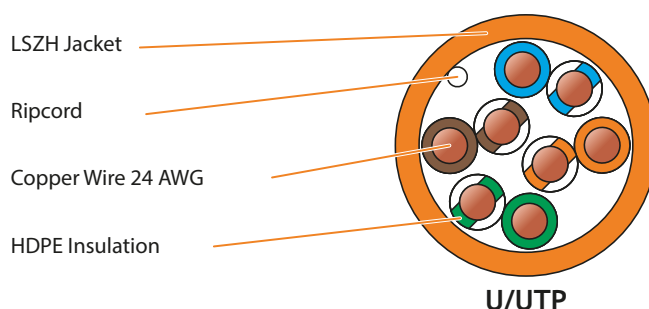


NKL 4100C-OR

U/UTP, 4 pairs, Cat.5e,
24 AWG, Indoor, LSZH

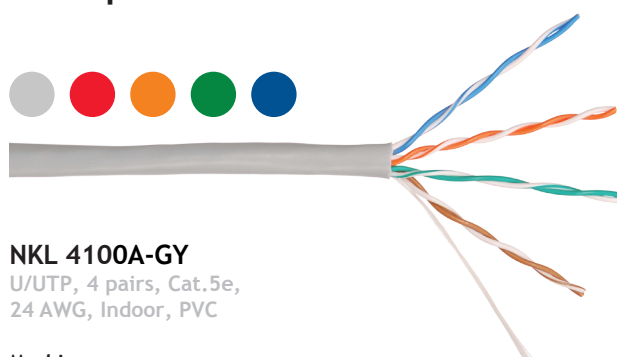
Marking:

NIKOLAN NKL 4100C-OR U/UTP SOLID CABLE 4P CATEGORY 5E 24AWG LSZH (Hr(A)-HFLT_x) Class Eca ISO/IEC 11801 & EN 50173 & ANSI/TIA-568-C.2 NVP 0.70



U/UTP

Example 2 :

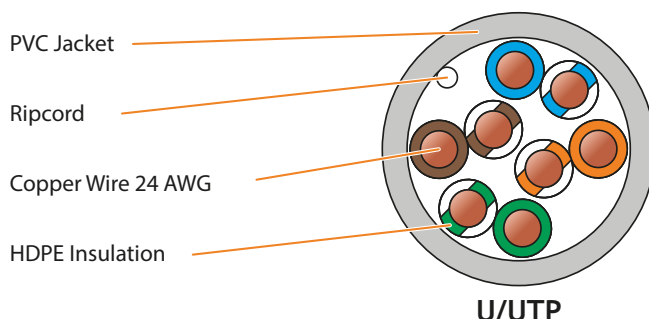


NKL 4100A-GY

U/UTP, 4 pairs, Cat.5e,
24 AWG, Indoor, PVC

Marking:

NIKOLAN NKL 4100A-GY U/UTP SOLID CABLE 4P CATEGORY 5E 24AWG PVC (Hr(A)) Class Eca ISO/IEC 11801 & EN 50173 & ANSI/TIA-568-C.2 NVP 0.70



U/UTP

Package Content

Copper Cable

305 m

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

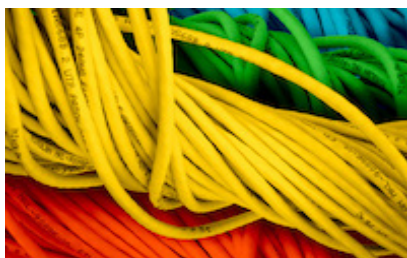
Specification

	NKL 4100C-ZZ	NKL 4101C-OR	NKL 4100A-ZZ	NKL 4101A-GY
Category	5e			
Bandwidth (MHz)	100 MHz			
Type of cables	U/UTP			
Number of pairs	4			
Conductor material	Copper			
Type of conductor	Solid			
Diameter of wire (mm)	24 AWG (0.50 ± 0.01 mm)			
Material of conductor insulation	High Density Polyethylene (HDPE)			
Thickness of conductor insulation	0.2 ± 0.02 mm			
Diameter of wire insulation	0.89 ± 0.02 mm			
Material of ourter jacket	LSZH, IEC 60332-1		Polyvinyl Chloride(PVC)	
Area of application	Indoor			
Jacket Thickness	0.5 ± 0.05 mm			
Outer diameter of jacket	5.1 ± 0.3 mm			
Jacket color	8 Colors	Orange	5 Colors	Gray
Protective film	-			
Ripcord	Yes			
Mass density (kg) per unit length (km)	28.8 ± 0.5 kg/km			
Min. bending radius during cabling	Not less than 8 times the cable diameter			
Min. bending radius during operation	Not less than 4 times the cable diameter			
Max. tensile strength, N	No more than 80 N			
Characteristic impedance, ohms	100 ± 15 ohms at 20°C			
Nominal velocity of propagation (NVP)	70% ± 1%			
Max. conductor resistance (DC), ohms/km	≤ 95 ohms/km at 20°C			
Length, m	305	100	305	100
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 -20 to +60°C. Installation from 0 to +50°C. Operating from -20 to +60°C			
Individual packing	Reel in box			
Package dimensions (WxH or WxHxD), mm	350x350x200 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 4100C-ZZ	4	5e	U/UTP	LSZH	OR,YL,RD,GN,BL,WT,YL,GY	305	0.0245	9.4
NKL 4101C-OR	4	5e	U/UTP	LSZH	OR	100	0.0070	3.1
NKL 4100A-ZZ	4	5e	U/UTP	PVC	GY,WT,RD,GN,BL	305	0.0245	9.3
NKL 4101A-GY	4	5e	U/UTP	PVC	GY	100	0.0070	3.1

Other package options available by request.



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
 Precise Cable Cutter: NMC-222
 Cable Cutter: NMC-502C
 Wire Stripper & Cutter: NMC-S501B
 Cable Tie Gun: NMC-328

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