

NKL 4200C-OR – LSZH Jacket, Orange
NKL 4200A-GY – PVC Jacket, Gray

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

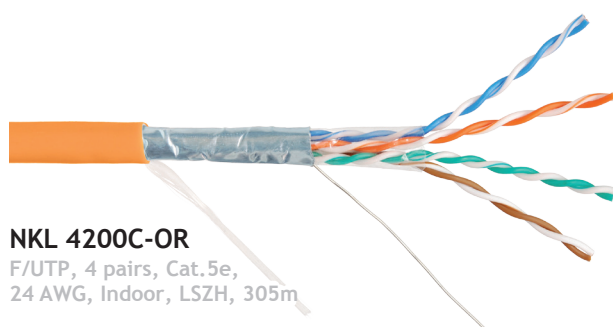
✓ ISO/IEC 11801, EN 50173
& ANSI/TIA 568-C.2, RoHS,
REACH Compliant, CE CPR
Certified(NKL-4200C-OR, NKL-
4200A-GY)

✓ 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.

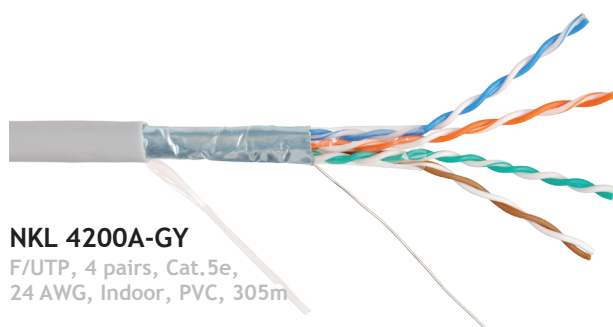
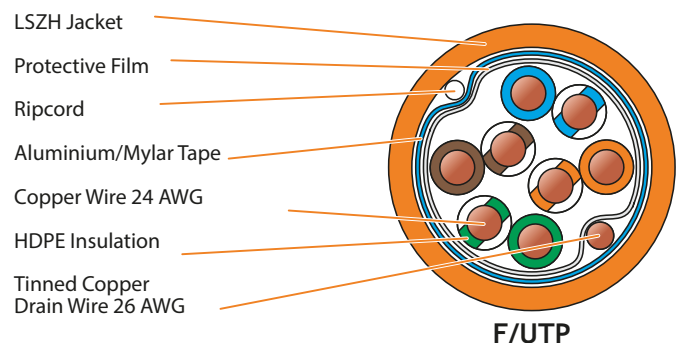
- **NKL 4200C-OR** Category 5e cable is shielded F/UTP, and designed for indoor cabling. The outer jacket is made of low smoke and non-combustible LSZH.
- **NKL 4200A-GY** Category 5e cable is shielded F/UTP, and designed for indoor cabling. The outer jacket is made of PVC.

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.



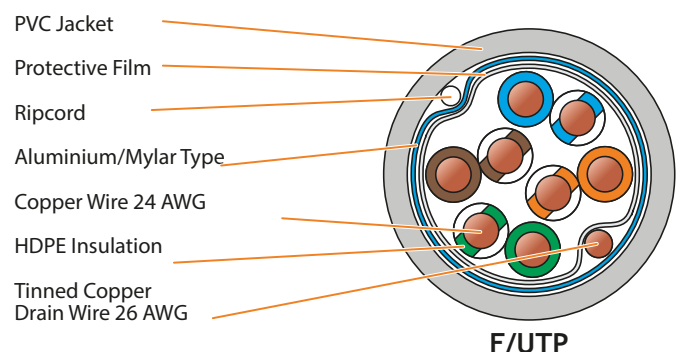
NKL 4200C-OR
F/UTP, 4 pairs, Cat.5e,
24 AWG, Indoor, LSZH, 305m

Marking:
NIKOLAN NKL 4200C-OR F/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 0.69



NKL 4200A-GY
F/UTP, 4 pairs, Cat.5e,
24 AWG, Indoor, PVC, 305m

Marking:
NIKOLAN NKL 4200A-GY F/UTP SOLID CABLE 4P CATEGORY 5E
24AWG PVC (Hr(A)) Class Eca ISO/IEC 11801 & EN 50173 &
ANSI/TIA-568-C.2 NVP 0.69



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

Specification

	NKL 4200C-OR	NKL 4200A-GY
Category	5e	5e
Bandwidth (MHz)	100 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	0.24 ± 0.02 mm	
Diameter of wire insulation	1.0 ± 0.03 mm	
Material of ourter jacket	LSZH	PVC
Area of application	Indoor	
Jacket Thickness	0.55 ± 0.05 mm	
Outer diameter of jacket	6.2 ± 0.4 mm	
Jacket color	Orange	Gray
Individual shielding	-	
Shielding	100% Polyester Aluminum foil and Drain wire (26AWG)	
Protective film	Polyester	
Ripcord	Yes	
Mass density (kg) per unit length (km)	45 ± 0.5 kg/km	43 ± 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 -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	405x405x210 mm	
Warranty	Component warranty - 5 years, system warranty - 15 years	

Ordering Table

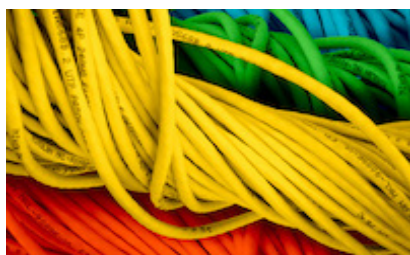
Part Number	Pairs	Category	Type	Jacket Material	Color	Length, m	Volume, m³	Weight, kg
NKL 4200C-OR	4	5e	F/UTP	LSZH	Orange	305	0.0344	14.6
NKL 4201C-OR	4	5e	F/UTP	LSZH	Orange	100	0.0094	4.2
NKL 4200A-GY	4	5e	F/UTP	PVC	Gray	305	0.0344	14.6
NKL 4201A-GY	4	5e	F/UTP	PVC	Gray	100	0.0070	4.2

Other package options available by request.

Package Content

Copper Cable

305 M



Accessories

Patch Panel: NMC-RP24SD2-HU-MT, NMC-RP24SD2-1U-MT
 Snap-in Patch Panel: NMC-RP24-BLANK-HU-MT, NMC-RP24-BLANK-1U-MT
 Keystone Jack: NMC-KJSD2-FT-MT, NMC-KJSD2-NT-MT
 Wall outlet with FT Jack: NMC-WO1SD2-FT-ST-WT, NMC-WO2SD2-FT-ST-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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