

NKL 210xC-zz — LSZH Jacket, 2 colors

NKL 210xA-zz — PVC Jacket, 2 colors

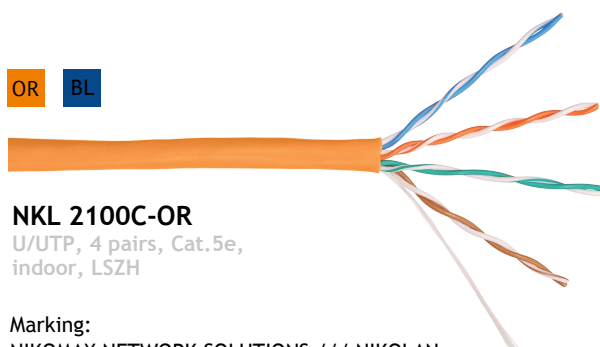
NIKOLAN Cables U/UTP 4 Pair Cat.5e,
Indoor, 24 AWG, Solid, 100 MHz, 305/100 m

✓ ISO/IEC 11801, EN 50173 &
ANSI/TIA-568-C.2, RoHS,
REACH Compliant

NIKOLAN 2nd series cables provide excellent performance at an affordable price, which makes them the ideal choice for building residential, small local and entry-level structured networks, to be used in projects that do not require system support. The range of indoor cables includes unshielded (U/UTP) cables of category 5e and 6 with PVC or LSZH shells.

- **NKL 210xC-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 210xA-zz** Category 5e cable is unshielded U/UTP, and designed for indoor cabling. The outer jacket is made of PVC.

Supplied by 305 m in compact easy-pull-out boxes. Also 100 m packaging is available.

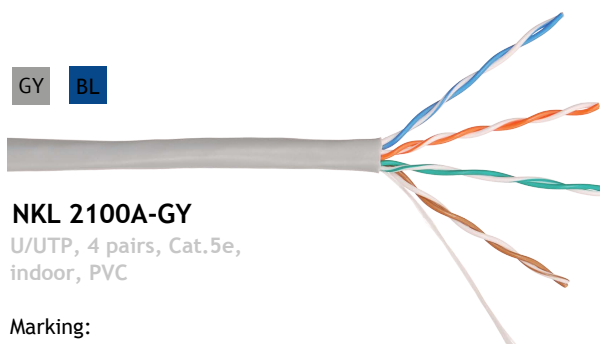
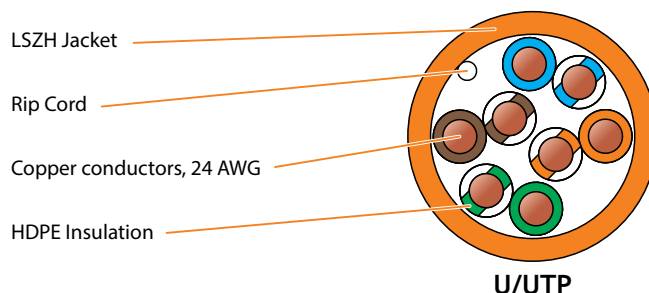


NKL 2100C-OR

U/UTP, 4 pairs, Cat.5e,
indoor, LSZH

Marking:

NIKOMAX NETWORK SOLUTIONS /// NIKOLAN
NKL 2100C-OR U/UTP SOLID CABLE 4P
CATEGORY 5e 24AWG Class Dca LSZH (Hr(A)-
HFLT_x) ISO/IEC 11801 & EN 50173 & ANSI/
TIA-568-C.2 NVP 0.69 (ZL) YYMM xxxM

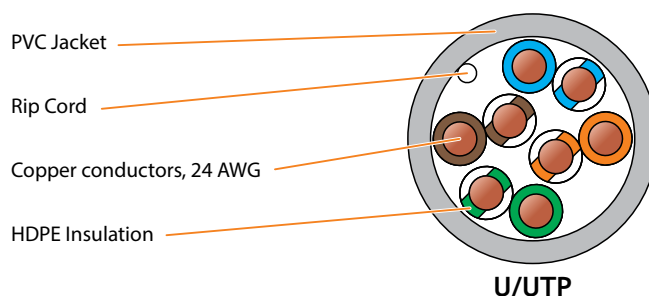


NKL 2100A-GY

U/UTP, 4 pairs, Cat.5e,
indoor, PVC

Marking:

NIKOMAX NETWORK SOLUTIONS /// NIKOLAN
NKL 2100A-GY U/UTP SOLID CABLE 4P
CATEGORY 5e 24AWG Class Eca PVC (Hr(A))
ISO/IEC 11801 & EN 50173 & ANSI/TIA-568-
C.2 NVP 0.69 (ZL) YYMM xxxM



Package content

Cable	305/100 m
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Specification

	NKL 210xC-zz	NKL 210xA-zz
Category	5e	
Bandwidth	100 MHz	
Construction	U/UTP	
Number of twisted pairs	4	
Material of conductors	Pure copper	
Type of conductors	Solid	
Diameter of conductors	0.49 ± 0.01 mm	
Conductors insulation material	HDPE	
Insulation thickness of conductors	0.20 ± 0.02 mm	
Diameter of conductor insulation	0.90 ± 0.05 mm	
Outer jacket material / CPR Class	LSZH / Dca-s1,d2,a1	PVC / Eca
Usage	For indoor laying	
Outer jacket thickness	0.6 ± 0.05 mm	
Outer jacket diameter	5.2 ± 0.3 mm	
Outer jacket default color	Orange, Blue	Grey, Blue
Protective film	-	
Rip cord	Yes	
Mass density per unit length	29.8 ± 0.5 kg/km	28.7 ± 0.5 kg/km
Bending radius without load	≥ 4x OD	
Bending radius with load	≥ 8x OD	
Tensile strength	Max 100 N	
Characteristic impedance	100 ± 15 Ω	
Speed of signal propagation (NVP)	0.69 ± 0.1	
Max. conductor resistance (DC)	≤ 94 Ω/km	≤ 93.8 Ω/km
Compliance to standards	Meets the requirements of standards: ISO/IEC 11801. EN 50173 & TIA/EIA-568-C.2	
Supported applications	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 ranges	Storage from -20 to +60 °C. Installation from 0 to +50 °C. Operation from -20 to +60 °C	
Warranty	1 year	

Ordering table - 305m package

Part number	Pairs	Cat.	Type	Usage, Jacket	Color*	Length, m	Package	Size, mm	Volume, m ³	Weight, kg
NKL 2100C-OR	4	5e	U/UTP	Indoor, LSZH	Orange	305	Pull-out box	350x350x200	0.0245	9.1
NKL 2100C-BL	4	5e	U/UTP	Indoor, LSZH	Blue	305	Pull-out box	350x350x200	0.0245	9.1
NKL 2100A-GY	4	5e	U/UTP	Indoor, PVC	Grey	305	Pull-out box	350x350x200	0.0245	9.1
NKL 2100A-BL	4	5e	U/UTP	Indoor, PVC	Blue	305	Pull-out box	350x350x200	0.0245	9.1

Ordering table - 100m package

Part number	Pairs	Cat.	Type	Usage, Jacket	Color*	Length, m	Package	Size, mm	Volume, m ³	Weight, kg
NKL 2101C-OR	4	5e	U/UTP	Indoor, LSZH	Orange	100	Pull-out box	280x280x90	0.0070	4.2
NKL 2101A-GY	4	5e	U/UTP	Indoor, PVC	Grey	100	Pull-out box	280x280x90	0.0070	2.9

Accessories

Patch Panels: NMC-RP24UD2-HU-BK , NMC-RP24UD2-1U-BK

Snap-in Patch Panels: NMC-RP24-BLANK-HU-MT, NMC-RP24-BLANK-1U-MT

Keystone Jacks: NMC-KJUD2-FT-WT, NMC-KJUD2-NT-WT, NMC-KJUD2-WT

Wall Outlet with FT Jacks: 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; Insets: NMC-FT-INSET

5 Pair Punch Down Tool 110: NMC-315DR; Insets: NMC-TA15B (4 pairs)

Insert blade for NMC-3640R: NMC-14TA (110), NMC-14TBK (Krone)

Cable Cutter: NMC-502C; Precise cable cutter: NMC-222