

NKL 2140C-ZZ – LSZH Jacket, 6 Colors

NKL 2140A-ZZ – PVC Jacket, 5 Colors

NIKOLAN Cables U/UTP 4 Pair Cat.6, Indoor, 24 AWG, Solid, 250 MHz, 305 m

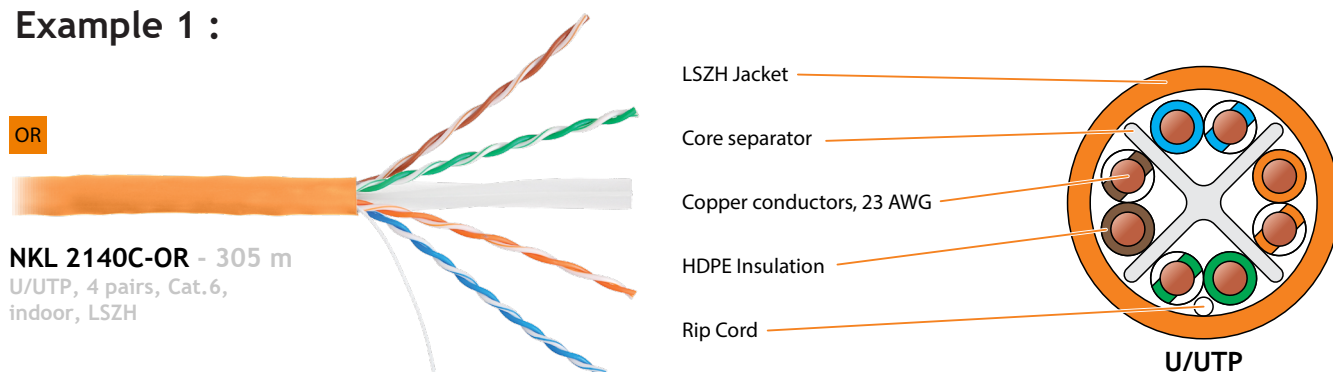
✓ ISO/IEC 11801, EN 50173 & ANSI/TIA-568-C.2, RoHS, REACH Compliant

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 2140C-ZZ Category 6 cable is unshielded U/UTP, and designed for indoor cabling. The outer jacket is made of low smoke and non-combustible LSZH.
- NKL 2140A-ZZ Category 6 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.

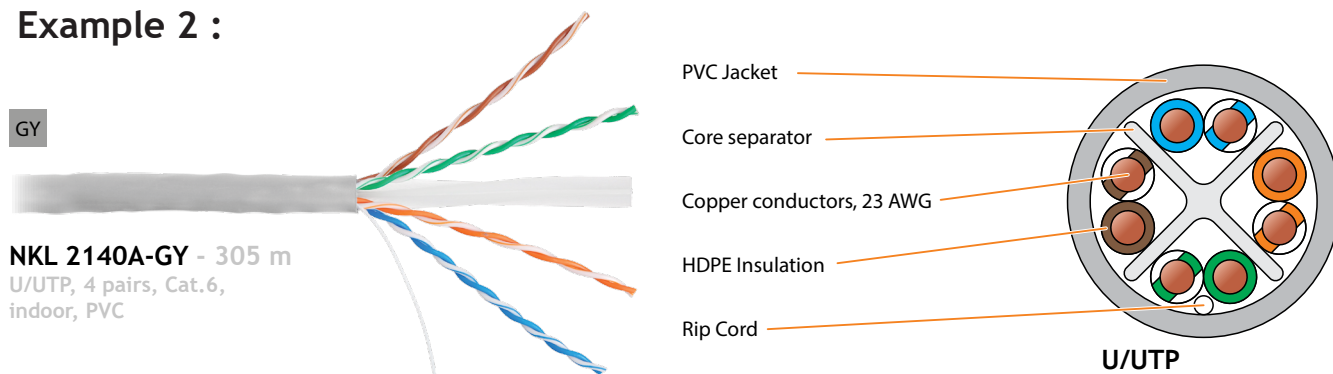
Example 1 :



Marking:

NIKOMAX NETWORK SOLUTIONS /// NIKOLAN NKL 2140C-OR U/UTP SOLID
CABLE 4P CATEGORY 6 24AWG Class Dca-s2,d2,a1 LSZH (Hr(A)-HFLT_x) ISO/
IEC 11801 & EN 50173 & ANSI/TIA-568-C.2 NVP 0.69 (ZL) YYYY xxxM

Example 2 :



Marking:

NIKOMAX NETWORK SOLUTIONS /// NIKOLAN NKL 2140A-GY U/UTP SOLID
CABLE 4P CATEGORY 6 24AWG Class Eca PVC (Hr(A)) ISO/IEC 11801 &
EN 50173 & ANSI/TIA-568-C.2 NVP 0.69 (ZL) YYYY xxxM

Packge content

Cable 305 m

You may always order all cables listed above with a jacket of another color.
Please check for order conditions and delivery time with your sales manager.

Additional colors available: WT GY VL BL GN YL RD

Legend :

ZZ - Jacker color :

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

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

Technical characteristics

	NKL 2140C-ZZ	NKL 2140A-ZZ
Category	6	
Bandwidth	250 MHz	
Construction	U/UTP	
Number of twisted pairs	4	
Material of conductors	Pure copper	
Type of conductors	Solid	
Diameter of conductors	0.53 ± 0.01 mm	
Conductors insulation material	HDPE	
Insulation thickness of conductors	0.22 ± 0.02 mm	0.21 ± 0.02 mm
Diameter of conductor insulation	1.01 ± 0.05 mm	0.99 ± 0.05 mm
Outer jacket material / CPR Class	LSZH / Dca-s2,d2,a1	PVC / Eca
Usage	For indoor laying	
Outer jacket thickness	0.6 ± 0.05 mm	
Outer jacket diameter	6 ± 0.3 mm	
Outer jacket default color	6 Colors	5 Colors
P	-	
Rip cord	Yes	
Mass density per unit length	40.6 ± 0.5 kg/km	40.2 ± 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)	≤ 93.8 Ω/km	≤ 89 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	

Ordering table - 305 m package

Part number	Pairs	Cat.	Type	Usage, Jacket	Color*	Length, m	Package	Size, mm	Volume, m ³	Weight, kg
NKL 2140C-ZZ	4	6	U/UTP	Indoor, LSZH	OR,BI,GN,GY,WT,YL	305	Pull-out box	405x405x200	0.0328	13.5
NKL 2140A-ZZ	4	6	U/UTP	Indoor, PVC	GY,BL,GN,WT,YL	305	Pull-out box	405x405x200	0.0328	13.5

Accessories

Patch Panels: NMC-RP24UE2-HU-BK , NMC-RP24UE2-1U-BK

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

Keystone Jacks: NMC-KJUE2-FT-WT, NMC-KJUE2-NT-WT, NMC-KJUE2-WT

Wall Outlet with FT Jacks: NMC-WO1UE2-FT-ST-WT, NMC-WO2UE2-FT-ST-WT

Wall Outlet: NMC-WO1UE2-WT, NMC-WO2UE2-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

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