

NKL 9140C-ZZ – LSZH Jacket, 7 Colors

NKL 9140A-IY – PVC Jacket, Ivory

NIKOLAN Cable U/UTP 4 pair, Cat.6,
Indoor, 23 AWG, Solid,
250 MHz, 305 m

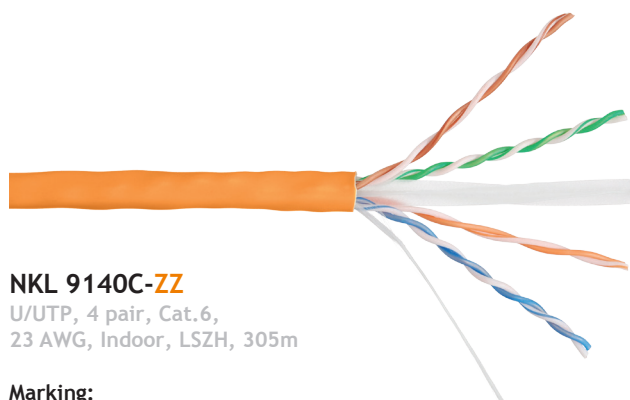
Four-pair Category 6 twisted pair cable is designed to use in high-speed data transmission systems at speed up to 10 Gbit/s.

- **NKL 9140C-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 9140A-IY** Category 6 cable is unshielded U/UTP, and designed for indoor cabling. The outer jacket is made of PVC.

NIKOLAN 9th Series cables are packed with drums, guaranteeing safety during transportation, stable performance and ease of use when unwinding and installation. These cables are used for construction of cable networks based on NIKOMAX structured cabling with system support.



- ✓ ISO/IEC 11801, EN 50173 & ANSI/TIA 568-C.2, RoHS, REACH Compliant, CE CPR Certified(NKL-9140C-OR)
- ✓ Delta Certified : NKL 9140C-OR
- ✓ Component Warranty - 5 years
System Warranty - 25 years

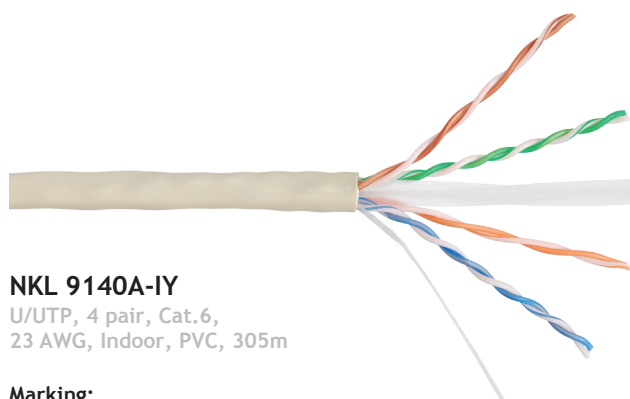
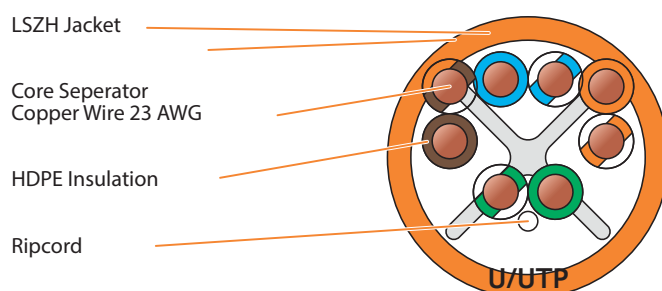


NKL 9140C-ZZ

U/UTP, 4 pair, Cat.6,
23 AWG, Indoor, LSZH, 305m

Marking:

NIKOLAN NKL 9140C-ZZ U/UTP SOLID CABLE 4P CATEGORY 6
23AWG LSZH (Hr(A)-HFLTx) Class Dca s2 d2 a1 ISO/IEC 11801 &
EN 50173 & ANSI/TIA-568-C.2 NVP 0.69 (CT) YYYY xxxM

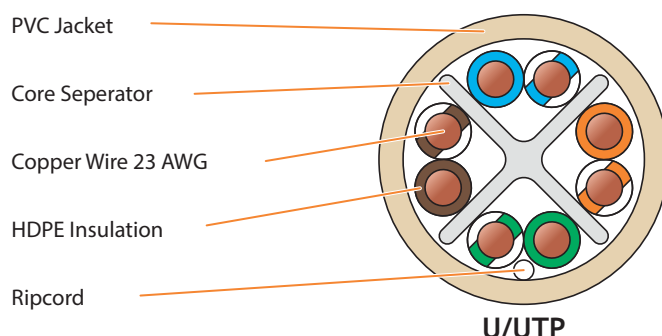


NKL 9140A-IY

U/UTP, 4 pair, Cat.6,
23 AWG, Indoor, PVC, 305m

Marking:

NIKOLAN NKL 9140A-IY U/UTP SOLID CABLE 4P CATEGORY 6
23AWG PVC (Hr(A)) ISO/IEC 11801 & EN 50173 &
ANSI/TIA-568-C.2 NVP 0.69 (CT) YYYY xxxM



Legend :

ZZ - Jacket color :

OR - Orange

VL - Violet

RD - Red

GN- Green

BL - Blue

WT- White

YL - Yellow

GY - Gray

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

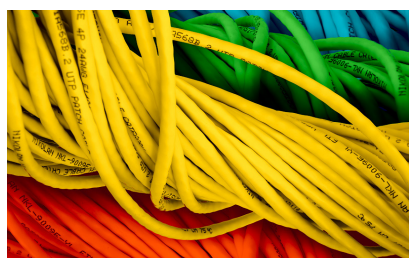
Specification

	NKL 9140C-ZZ	NKL 9140A-IY
Category	6	
Bandwidth (MHz)	250 MHz	
Type of cable	U/UTP	
Number of pairs	4	
Conductor material	Copper	
Type of conductor	Solid	
Diameter of wire	23 AWG (0.562 ± 0.008 mm)	
Outer jacket material	High Density Polyethylene (HDPE)	
Thickness of conductor insulation	0.22 ± 0.02 mm	0.21 ± 0.02 mm
Diameter of wire insulation	1.02 ± 0.05 mm	0.99 ± 0.05 mm
Material of the outer jacket	LSZH, IEC 60332-1	Polyvinyl Chloride(PVC)
Area of application	Indoor	
Jacket Thickness	0.6 ± 0.05 mm	0.6 ± 0.05 mm
Outer jacket diameter, mm	6 ± 0.3 mm	6 ± 0.3 mm
Jacket Color	7 Colors	Ivory
Protective Film	-	-
Ripcord	Yes	
Mass density (kg) per unit length (km)	40.4 ± 0.5 kg/km	40.1 ± 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)	69% ± 1%	
Max. conductor resistance(DC), ohms/km	≤ 93.8 ohms/km at 20 °C	≤ 89 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, 10GBASE-T (55 M), 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	335x335x265 mm	
Warranty	Extended - 15 years. 25 years - as part of the NIKOMAX structured cabling systems.	

Ordering Table

Part Number	Pairs	Category	Type	Jacket material	Color	Length, m	Volume, m ³	Weight, kg
NKL 9140C-ZZ	4	6	U/UTP	LSZH	OR,BL,GN,GY,RD,WT,YL	305	0.0297	13.5
NKL 9141C-OR	4	6	U/UTP	LSZH	Orange	100	0.0143	4.18
NKL 9140A-IY	4	6	U/UTP	PVC	Ivory	305	0.0297	13.4

Other package options available by request.



Accessories

Patch Panel: NMC-RP24UE2-HU-MT, NMC-RP24UE2-1U-MT, NMC-RP48UE2-1U-MT
 Snap-in Patch Panel: NMC-RP24-BLANK-HU-MT, NMC-RP24-BLANK-1U-MT
 Keystone Jack: NMC-KJUE2-FT-MT, NMC-KJUE2-NT-MT, NMC-KJUE2-WT
 Wall Outlet with FT Jack: 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
 Insert blade for NMC-3640R; NMC-14TA (110), NMC-14TBK (Krone)
 Cable Cutter: NMC-502C; Precise Cable Cutter: NMC-222
 Cable Cutter & Wire Stripper: NMC-S501B
 Cable Tie Gun: NMC-328

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