

Specification

	NKL 4240C-OR	NKL 4240A-GY
Category	6	
Bandwidth (Mhz)	250 Mhz	
Type of Cable	F/UTP	
Number of Pairs	4	
Conductor Material	Copper	
Type of Conductor	Solid	
Diameter of the Wire (mm)	23 AWG (0.565 ± 0.005 mm)	
Material of Conductor Insulation	High Density Polyethylene (HDPE)	
Thickness of the Conductor Insulation	0.25 ± 0.02 mm	
Diameter of Wire Insulation	1.08 ± 0.02 mm	
Material of the Outer Jacket	LSZH	Polyvinyl Chloride(PVC)
Area of Application	Indoor	
Jacket Thickness	0.6 ± 0.05 mm	
Outer diameter of the Jacket	7.4 ± 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)	55.7 ± 0.5 kg/km	49.2 ± 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)	70% ± 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, 10GBASE-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	Wooden Drum	
Package dimensions (WxH or WxHxD), mm	370x250 mm	
Warranty	Component warranty - 5 years, system warranty - 15 years	

Ordering Table

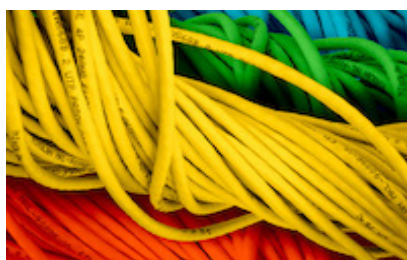
Part Number	Pairs	Category	Type	Jacket Material	Color	Length, m	Volume, m ³	Weight, kg
NKL 4240C-OR	4	6	F/UTP	LSZH	Orange	305	0.0300	19.0
NKL 4241C-OR	4	6	F/UTP	LSZH	Orange	100	0.0125	5.8
NKL 4240A-GY	4	6	F/UTP	PVC	Gray	305	0.0300	17.3

Other package options available by request.

Package Content

Copper Cable

305 M



Accessories

Patch Panel: NMC-RP24-BLANK-HU-MT, NMC-RP24-BLANK-1U-MT
 Snap-in patch panel: NMC-RP24-BLANK-HU-MT, NMC-RP24-BLANK-1U-MT
 Keystone Jack: NMC-KJSE2-FT-MT, NMC-KJSE2-NT-MT
 Wall outlet with FT Jack: NMC-WO1SE2-FT-ST-WT, NMC-WO2SE2-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

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