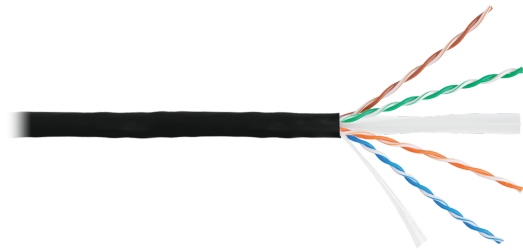


NKL 4140C-BK



NIKOLAN Cable U/UTP 4 pairs, Cat.6, Indoor/Outdoor, 23AWG, UV-LSZH, Black, Solid, 250 MHz, 305m

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

NKL 4140C-BK category 6 U/UTP (Unshielded) cables is designed for Indoor & Outdoor cabling. The outer jacket is made of UV-LSZH (UV resistant & low smoke and non-combustible).

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.

Ordering Table

| P/N | Number of pairs | Category | Type | Application | Color | Length, m | Volume, m3 | Weight, kg |
|--------------|-----------------|----------|-------|----------------|-------|-----------|------------|------------|
| NKL 4140C-BK | 4 | 6 | U/UTP | Indoor/Outdoor | Black | 305 | - | - |

Detailed characteristics

| Characteristic | Value |
|---|--|
| Category | 6 |
| Bandwidth, MHz | 250 |
| Type | U/UTP |
| Number of pairs | 4 |
| Material of conductors | Copper |
| Type of conductors | Solid |
| Diameter of conductors, AWG | 23 AWG (0.55 ± 0.01 mm) |
| Insulation material | High density polyethylene (HDPE) |
| Insulation conductor thickness, mm | 0.22 ± 0.02 |
| Diameter of conductor insulation, mm | 1.1 ± 0.05 |
| Outer jacket material | UV-LSZH |
| Execution | ng (A) -HFLTx |
| Application | Indoor/Outdoor |
| Jacket thickness, mm | 0.55 ± 0.05 |
| Outer jacket diameter, mm | 6.3 ± 0.3 |
| Jacket color | Black |
| Protective film | - |
| Ripcord | Yes |
| Mass density (kg) per unit length (km) | 42.6 ± 0.5 |
| Radius of bending during laying | Not less than 8 times the cable diameter |
| Radius of bending during operation | Not less than 4 times the cable diameter |
| Maximum tensile strength | No more than 80 N |
| Characteristic impedance, ohms | 100 ± 15 |
| Nominal velocity of propagation (NVP) | 69% ± 1% |
| Max. Conductor resistance(DC), ohms/km | ≤ 95 |
| Length, M | 305 |
| Compliance | Exceeds requirements of standards: ISO / IEC 11801, EN 50173 and TIA / EIA-568 |
| Supported applications | 10BASE-T, 100BASE-TX, 100BASE-T4, 1000BASE-T, 10GBASE-T (for Cat.6 and 6A), ATM-25, ATM-51, ATM-155, 100VG-AnyLan, TR-4, TR- 16 Active, TR-16 Passive |
| Temperature ranges | Storage from -40 to +70 ° C. Installation from 0 to +50 ° C. Operation from -10 to +60 ° C |
| Individual packing | Carton Box |
| Package dimensions (LxW or W x H x D), mm | 405x405x220 |
| Warranty | Component warranty - 5 years, system warranty - 15 years |