



NIKOLAN 4-series outdoor cables provide excellent performance at a reasonable price, which makes them the best choice for building networks. Rigid polyethylene shell is not afraid of ultraviolet, it is resistant to cold and external influences. The model range includes shielded (F / UTP) and unshielded (U / UTP) cables of categories 5e and 6, intended for external installation, incl. Suspended, with stranded steel cable. Depending on the model, external cables of the 4th series are delivered in "easy-pull box" cartons or on plywood drums.

Unshielded cables (U / UTP) are the most popular and easy to install type of cable, but they do not have protection against electromagnetic interference. When laying in close proximity to the power lines, it is recommended to refer to shielded solutions.

Ordering Table

| P/N | Number of pairs | Category | Type | Application | Color | Length, M | Volume, m3 | Weight, kg |
|--------------|-----------------|----------|-------|-------------|-------|-----------|------------|------------|
| NKL 4700B-BK | 4 | 5e | F/UTP | Outdoor, PE | Black | 305 | 0.0370 | 11.8 |
| NKL 4701B-BK | 4 | 5e | F/UTP | Outdoor, PE | Black | 100 | 0.0094 | 3.9 |

Detailed characteristics

| Characteristic | Value |
|---|---|
| Category | 5e |
| Bandwidth, MHz | 100 |
| Type | F/UTP |
| Number of pairs | 4 |
| Material of conductors | Copper |
| Type of conductors | Solid |
| Diameter of conductors, AWG | 24 AWG (0.50 ± 0.01 mm) |
| Insulation material | High density polyethylene (HDPE) |
| Insulation conductor thickness, mm | 0.25 ± 0.02 |
| Diameter of conductor insulation, mm | 1 ± 0.05 |
| Outer jacket material | Polyethylene (PE) |
| Application | For Outdoor Installation |
| Jacket thickness, mm | 0.55 ± 0.05 |
| Outer jacket diameter, mm | 6.2 ± 0.3 |
| Jacket color | Black |
| Screen construction (common screen) | Polyester aluminum foil with 100% coverage, paved in constant contact with a monolithic drainage conductor (26 AWG) |
| Protective film | Polyester |
| Ripcord | Yes |
| Mass density (kg) per unit length (km) | 42 ± 0.5 |
| Radius of bending during laying | At least 10 cable diameters |
| Radius of bending during operation | At least 8 cable diameters |
| Maximum tensile strength | No more than 100 N |
| Characteristic impedance, ohms | 100 ± 15 |
| Nominal velocity of propagation (NVP) | 0.69 ± 0.1 |
| Max. Conductor resistance(DC), ohms/km | 95 |
| Length, M | 305 |
| Compliance | Exceeds the requirements of the standards: ISO / IEC 11801, EN 50173 and ANSI / TIA-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 -60 to +60 ° C. Installation from -10 to +50 ° C. Operation from -60 to +60 ° C |
| Individual packing | Cardboard box |
| Package dimensions (LxW or W x H x D), mm | 420x420x210 |
| Warranty | 3 years |