



NKL 4365C-zz

NIKOLAN S/FTP cable, 4 pairs, Cat.7, 23 AWG, Indoor, LSZH, 500 M

A wide range of 4th series cables will solve most of the problems associated with building networks, and while an excellent performance will guarantee a trouble-free operation for the whole life of the network. They are used to build a certified NIKOMAX SCS with a warranty period of up to 15 years. Indoor cable lineup includes shielded (S/FTP, U/FTP, F/UTP) and unshielded (U/UTP) models of categories from 5e to 7A with PVC or LSZH shells. Supplied in easy-pull-out boxes with an increased diameter insert for unwinding or on plywood drums (for heavy models).

NKL 4365C-LG Category 7 cable is shielded S/FTP, and designed for indoor cabling. The outer jacket is made of low smoke and non-combustible LSZH.

Ordering Table

| P/N          | Number of pairs Category |   | Type  | Application  | Color       | Length, M | Package | Demension, mm | Volume, m3 | Weight, kg |
|--------------|--------------------------|---|-------|--------------|-------------|-----------|---------|---------------|------------|------------|
| NKL 4365C-LG | 4                        | 7 | S/FTP | Indoor, LSZH | Light Green | 500       | Drum    | 370x250       | 0.0300     | 30.0       |
| NKL 4365C-OR | 4                        | 7 | S/FTP | Indoor, LSZH | Orange      | 500       | Drum    | 370x250       | 0.0300     | 30.0       |
| NKL 4365C-WT | 4                        | 7 | S/FTP | Indoor, LSZH | White       | 500       | Drum    | 370x250       | 0.0300     | 30.0       |

## Detailed characteristics

| Characteristic                         | Value   |
|--|---|
| Category                               | 7   |
| Bandwidth, MHz                         | 600   |
| Type                                   | S/FTP   |
| Number of pairs                        | 4   |
| Material of conductors                 | Pure copper   |
| Type of conductors                     | Solid   |
| Diameter of conductors, AWG            | 23 AWG (0.56 ± 0.01 mm)   |
| Insulation material                    | PE foam   |
| Insulation conductor thickness, mm     | 0.38 ± 0.02   |
| Diameter of conductor insulation, mm   | 1.33 ± 0.05   |
| Outer jacket material                  | LSZH  |
| CPR Class                              | Dca-s2,d2,a1  |
| Application                            | For Indoor laying   |
| Jacket thickness, mm                   | 0.55 ± 0.05   |
| Outer jacket diameter, mm              | 7.5 ± 0.3   |
| Jacket color                           | Light Green / Orange / White  |
| Screen construction (common screen)    | Individual Al/PES foil, with 100% coverage under Braid made of tinned copper, with at least 30% coverage  |
| Protective film                        | -   |
| Ripcord                                | -   |
| Mass density (kg) per unit length (km) | 55.0 ± 0.5  |
| Radius of bending during laying        | At least 8 cable diameters  |
| Radius of bending during operation     | At least 4 cable diameters  |
| Maximum tensile strength               | No more than 100 N  |
| Characteristic impedance, ohms         | 100 ± 15  |
| Nominal velocity of propagation (NVP)  | 0.74 ± 0.1  |
| Max. Conductor resistance(DC), ohms/km | ≤ 93.8  |
| Compliance                             | Exceeds the requirements of the standards: ISO/IEC 11801. EN 50173 & TIA/EIA-568-C.2 10BASE-T, 100BASE-TX, 100BASE-T4. 1000BASE-T, 10GBASE-T, ATM-25. ATM-51. |
| Supported applications                 | 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  |
| Warranty                               | Component – 5 years. System – 15 years as part of a certified NIKOMAX SCS   |