

NIKOLAN optical fiber cable, Multi Mode 50 / 125µm, OM2, Distribution, indoor/outdoor, with High Strength yarn, UV LSZH ng (B) -HFLTx, Black



Distribution optical cables, reinforced with High Strength yarn, are designed for laying inside buildings, in cable trays and channels, pipes and blocks. Used in the construction of the backbone cable subsystem of the building. NIKOLAN NKL-F-xxxM2I-00U-BK cables that contain four, eight, twelve, twenty-four optical fibers in a tight buffer comply with the ISO / IEC 11801 OM2 standard. The optical fiber surrounded by High Strength yarn and encased in a low smoke zero- halogen jacket.

Ordering Table

| P/N | Number of fibers | Fiber type | Jacket material | Individual package | |
|---------------------|------------------|------------|-----------------|--------------------|------------|
| | | | | Volume, m3 | Weight, kg |
| NKL-F-004M2I-00U-BK | 4 | MM 50/125 | UV LSZH | 0.147 | 44 |
| NKL-F-008M2I-00U-BK | 8 | MM 50/125 | UV LSZH | 0.147 | 65 |
| NKL-F-012M2I-00U-BK | 12 | MM 50/125 | UV LSZH | 0.331 | 98 |
| NKL-F-024M2I-00U-BK | 24 | MM 50/125 | UV LSZH | 0.331 | 98 |

NIKOLAN optical fiber cable, Multi Mode 50 / 125µm, OM2, Distribution, indoor/outdoor, with High Strength yarn, UV LSZH ng (B) -HFLTx, Black

Detailed characteristics

| Characteristic | Value |
|--|--|
| CPR Class | Eca |
| Outer jacket material | UV LSZH |
| Application | Indoor / Outdoor |
| Jacket color | Black |
| Mass density (kg) per unit length (km) | 18.0 / 28.0 / 38.0 / 50.0 |
| Maximum tensile strength | 440N / 440N / 660N / 660N |
| Warranty | Component - 5 years. 25 years - as part of a certified NIKOMAX SCS |
| Packaging | Wooden drum |
| Diameter of cable | 4.8 ± 0.2 mm / 5.5 ± 0.2 mm / 6.5 ± 0.2 mm / 7.8 ± 0.2 mm |
| Compliance | ISO / IEC 11801 OM2 (Transfer rate of 1 Gbit / s to 550 m) |
| Number of fibers | 4 / 8 / 12 / 24 |
| Type of optical fiber | Multimode fiber 50/125 (Multi Mode) |
| Diameter of Tight buffer | 900 ± 25 µm |
| Minimum bending radius | Not less than 10 times the cable diameter |
| Crushing Force | 100 N/cm |
| Packing dimensions (LxW) | 600x478mm / 600x535mm / 600x535mm / 750x550mm |
| Peripheral strength element | High Strength yarn |