

NKL-F-xxxS2MT-01U-BK

NIKOLAN Fiber-Optic Cable, SingleMode 9/125µm OS2, Multi Loose Tube Indoor/Outdoor,
With corrugated steel tape, Black



NIKOLAN cables, with corrugated steel tape are designed for laying in the cable sewerage, blocks, tunnels, collectors, on bridges and flyovers, in ground of 1-3 groups, between buildings and structures. NKL-F-xxxxyMT-01U-BK cables are designed for outdoor installation and contain twenty four, thirty six, forty eight or seventy two optical fibers comply with the following standard: ITU-T G652.D., ISO/ IEC 11801 OS2/OM2/OM3/OM4. Optical fibers are laid in the loose tube, which is filled with a hydrophobic gel. Optical modules are wrapped around a central strength member. Optical modules covered steel tape. The outer jacket is made of UV Light-stabilized LSZH.

Ordering Table

| P/N | Number of fibers | Fiber type | Jacket | Individual package | |
|------------------------|------------------|--------------|---------|--------------------|------------|
| | | | | Volume, m3 | Weight, kg |
| NKL-F-036S2MT-01U-BK36 | | SM 9/125 OS2 | UV LSZH | - | - |
| NKL-F-048S2MT-01U-BK48 | | SM 9/125 OS2 | UV LSZH | - | - |
| NKL-F-096S2MT-01U-BK96 | | SM 9/125 OS2 | UV LSZH | - | - |

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Detailed characteristics

| Characteristic | Value |
|--|--|
| CPR Class | Fca |
| Outer jacket material | UV Light-stabilized LSZH |
| Application | Indoor / Outdoor |
| Mass density (kg) per unit length (km) | 91.0 kg/km / 91.0 kg/km / 145.0 kg/km |
| Maximum tensile strength | 1000 N |
| Warranty | Component - 5 years. 25 years - as part of a certified NIKOMAX SCS |
| Diameter of cable | 9.1 mm / 9.5 mm / 12.0 mm |
| Temperature ranges | Transportation and storage from -50 to +70 ° C. Laying and installation from -20 to +60 ° C. Operation -40 to +60 ° C |
| Packaging | Wooden drum |
| Number of fibers | 36 / 48 / 96 |
| Type of optical fiber | Singlemode fiber 9/125 |
| Minimum bending radius | Not less than 20 times the cable diameter |
| Color of outer jacket | Black |
| Compliance | ISO/IEC 11801 OS2 & ITU-T G.652.D |
| Peripheral strength element | Steel rope |