

NKL-F-xxxM4T-01U-BK

Fiber-Optic Cable, Multi Mode 50/125µm OM4, Uni Loose Tube, Indoor/Outdoor, with corrugated steel tape, Black



NIKOLAN cables, with corrugated steel tape are designed for laying both inside buildings and outside, in the cable sewerage, blocks, tunnels, collectors, on bridges and flyovers, in ground of 1-3 groups, between buildings and structures.

NKL-F-xxxyyT-01U-BK cables are designed for outdoor installation and contain two, four, six, eight, twelve or sixteen optical fibers comply with the following standard: ITU-T G652.D., ISO/IEC 11801 OM2/OM3/OM4. Optical fibers are laid in the loose tube, which is filled with a hydrophobic gel. Two parallel steel wires is used as strength member. Loose tube covered steel tape. The outer jacket is made of UV Lightstabilized LSZH.

Ordering Table

| P/N | Number of fibers | Fiber type | Jacket | Individual package Volume, м3 | Weight, kg |
|---------------------|------------------|---------------|---------|----------------------------------|------------|
| NKL-F-002M4T-01U-BK | 2 | MM 50/125 OM4 | UV LSZH | - | - |
| NKL-F-004M4T-01U-BK | 4 | MM 50/125 OM4 | UV LSZH | - | - |
| NKL-F-006M4T-01U-BK | 6 | MM 50/125 OM4 | UV LSZH | - | - |
| NKL-F-008M4T-01U-BK | 8 | MM 50/125 OM4 | UV LSZH | - | - |
| NKL-F-012M4T-01U-BK | 12 | MM 50/125 OM4 | UV LSZH | - | - |
| NKL-F-016M4T-01U-BK | 16 | MM 50/125 OM4 | UV LSZH | - | - |



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Detailed characteristics

| Characteristic | Value | | |
|--|--|--|--|
| CPR Class | Fca | | |
| Outer jacket material | UV Light-stabilized LSZH | | |
| Application | Indoor / Outdoor | | |
| Jacket color | Black | | |
| Mass density (kg) per unit length (km) | 68 kg/km | | |
| Maximum tensile strength | 1000 N | | |
| Compliance | ITU-T G652.D or ISO/IEC 11801 OM4 | | |
| Temperature ranges | Transportation and storage from -40 to +70 ° C. Laying and installation from 0 to +70 ° C. | | |
| remperature ranges | Operation -40 to +70 ° C | | |
| Warranty | Component - 5 years. 25 years - as part of a certified NIKOMAX SCS | | |
| Packaging | Wooden drum | | |
| Diameter of cable | 8.0 mm | | |
| Number of fibers | 2/4/6/8/12/16 | | |
| Type of optical fiber | Multimode fiber 50/125 | | |
| Diameter of steel wires | 2 x 0.9 mm | | |
| Minimum bending radius | Not less than 20 times the cable diameter | | |
| Peripheral strength element | Steel tape & Steel wire | | |