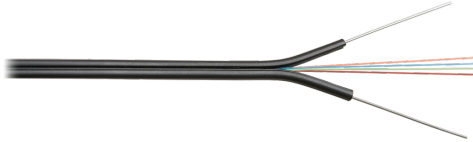


NKL-F-xxxA1F-00C-BK

SM 9/125 cables are universal, flat ("butterfly"), with steel bars



The F series of NIKOLAN optical cables, having "butterfly" self-supporting structure and two steel load-bearing elements. They are intended for laying inside the buildings, also can be used for outdoor laying on external facades of buildings with cable trays and ducts. They are used in FTTx networks, it can be laid to workplaces, apartments, offices...etc. The flat, small-sized cladding provides excellent flexibility and reliable protection, while providing easy and convenient access to the fibers.

NKL-F-xxxA1F-00C-BK cables contain 1, 2, or 4 optical fibers which comply with ISO / IEC 11801 OS2 and ITU-T G.652.D. The cable is reinforced with two strength elements in the form of steel wire in the sheath on the each sides. The outer shell is made of light-stabilized LSZH (Low Smoke Zero Halogen) compounds which is low-smoke and does not emit toxic compounds during combustion. The cable is suitable for both indoor and outdoor use.

Ordering Table

| P/N | Fiber count | Fiber type | Shell | Individual packaging | |
|---------------------|-------------|------------|-------|----------------------|------------|
| | | | | Volume, m3 | Weight, kg |
| NKL-F-001A1F-00C-BK | 1 | SM 9/125 | LSZH | 0.015 | 11 |
| NKL-F-002A1F-00C-BK | 2 | SM 9/125 | LSZH | 0.015 | 11 |
| NKL-F-004A1F-00C-BK | 4 | SM 9/125 | LSZH | 0.015 | 11 |

Detailed characteristics

| Characteristic | Value |
|---|---|
| Jacket | Low Smoke Halogen Free Compound (LSZH) |
| Application | For internal and external lining |
| Jacket color | Black |
| Linear weight, kg/km | 9.5 |
| Tension limit | 200 N |
| Compliance | ITU-T G.657.A1 & ITU-T G.652.D |
| Temperature range | Storage from -40 to +60 °C. Installation from 0 to +60 °C. Operation from -40 to +60 °C |
| Individual packing | Wooden drum in a cardboard box |
| Package dimensions (LxW or W x H x D), mm | 260 x 260 x 215 |
| Warranty | 1 year |
| Color | Black |
| Number of fibers | 1 / 2 / 4 |
| Fiber type | Single Mode 9/125 |
| Diameter of Buffer | 245 ± 10 µm |
| Minimum bending radius | ≥ 30 mm |
| Crushing Force | 100 N / cm |
| Diameter of peripheral strength element | Phosphated Steel Wire |
| Peripheral strength element | 0.45 ± 0.1 mm |
| External dimensions of the shell | 2 ± 0.1 x 3 ± 0.1 |
| CPR Class | Fca |