

## NKL-F-xxxS2MT-01B-BK

NIKOLAN Fiber-Optic Cable, SingleMode 9/125µm OS2, Multi Loose Tube 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-01B-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 PE, resistant to ultraviolet radiation.

### Ordering Table

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

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Detailed characteristics

Characteristic	Value
CPR Class	Fca
Outer jacket material	PE
Application	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
Packaging	Wooden drum
Diameter of cable	9.1 mm / 9.5 mm / 12.0 mm
Compliance	ISO/IEC 11801 OS2 & ITU-T G.652.D
Temperature ranges	Transportation and storage from -50 to +70 ° C. Laying and installation from -20 to +60 ° C. Operation -40 to +60 ° C
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
Peripheral strength element	Steel rope