

NKL-F-xxxS2G-01B-BK

Fiber-optic cable, singlemode 9/125µm OS2, uni loose tube, with E - glass yarn, with fiberglass rods, outdoor, PE jacket, black



NIKOLAN cables, with E - glass yarn and fiberglass rods are designed for laying in the cable sewerage, blocks, tunnels, collectors, on bridges and flyovers, between buildings and structures. NKL-F-xxxxyG-01B-BK cables are designed for outdoor installation and contain two, four, six, eight, twelve, sixteen and twenty four optical fibers. Optical cables can be made with 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. Loose tube covered E - glass yarn. 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-002S2G-01B-BK	2	SM 9/125 OS2	PE	-	-
NKL-F-004S2G-01B-BK	4	SM 9/125 OS2	PE	-	-
NKL-F-006S2G-01B-BK	6	SM 9/125 OS2	PE	-	-
NKL-F-008S2G-01B-BK	8	SM 9/125 OS2	PE	-	-
NKL-F-012S2G-01B-BK	12	SM 9/125 OS2	PE	-	-
NKL-F-016S2G-01B-BK	16	SM 9/125 OS2	PE	-	-
NKL-F-024S2G-01B-BK	24	SM 9/125 OS2	PE	-	-

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Detailed characteristics

Characteristic	Value
CPR Class	Fca
Outer jacket material	PE
Application	Outdoor
Jacket color	Black
Mass density (kg) per unit length (km)	78 kg/km
Maximum tensile strength	1000 N
Compliance	ITU-T G652.D or ISO/IEC 11801 OS2
Temperature ranges	Transportation and storage from -50 to +70 ° C. Laying and installation from -20 to +60 ° C. Operation from -40 to +60 ° C
Warranty	Component - 5 years. 25 years - as part of a certified NIKOMAX SCS
Packaging	Wooden drum
Diameter of cable	5.2 mm / 6.2 mm
Number of fibers	2 / 4 / 6 / 8 / 12 / 16 / 24
Type of optical fiber	Singlemode fiber 9/125
Minimum bending radius	Not less than 10 times the cable diameter
Peripheral strength element	E - glass yarn, 2 FRP rods (0.5 mm)