

Fiber-Optic Cable, Single Mode 9/125µm OS2, 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-xxxxyT-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, m3	Weight, kg
NKL-F-002S2T-01U-BK	2	SM 9/125 OS2	UV LSZH	-	-
NKL-F-004S2T-01U-BK	4	SM 9/125 OS2	UV LSZH	-	-
NKL-F-006S2T-01U-BK	6	SM 9/125 OS2	UV LSZH	-	-
NKL-F-008S2T-01U-BK	8	SM 9/125 OS2	UV LSZH	-	-
NKL-F-012S2T-01U-BK	12	SM 9/125 OS2	UV LSZH	-	-
NKL-F-016S2T-01U-BK	16	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
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 OS2
Temperature ranges	Transportation and storage from -40 to +70 ° C. Laying and installation from 0 to +70 ° C. 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	Singlemode fiber 9/125
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