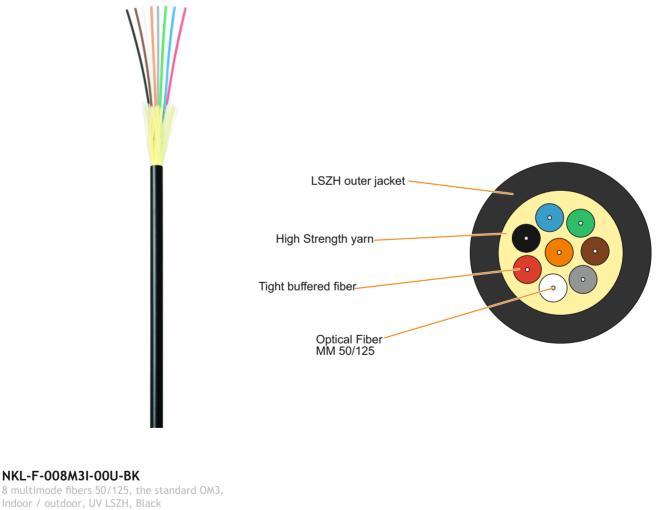


NKL-F-xxxM3I-00U-BK - 4 / 8 / 12 / 24 fibers

NIKOLAN optical fiber cable, Multi Mode 50 / 125µm, OM3, Distribution, indoor / outdoor, with High Strength yarn, UV LSZH ng (B) -HFLTx, Black

Distribution optical cables, reinforced with High Strength yarn, are designed for laying inside buildings, in cable trays and channels, pipes and blocks. Used in the construction of the backbone cable subsystem of the building.

NIKOLAN NKL-F-xxxM3I-00U-BK cables that contain four, eight, twelve, twenty-four optical fibers in a tight buffer comply with the ISO / IEC 11801 OM3 standard. The optical fiber surrounded by High Strength yarn and encased in a low smoke zero- halogen jacket.



Indoor / outdoor, UV LSZH, Black

Marking:

NIKOMAX NETWORK SOLUTIONS /// NIKOLAN NKL-F-008M3I-00C-BK 8 x MULTI MODE 50/125 ISO/IEC 11801 OM3 LSZH (Hr(B)-HFLTx) (FC) YYMM xxxxM



2 km

Package Content **Opticl Fiber Cable**

The manufacturer reserves the right to change the appearance and characteristics of the product, without reducing its consumer properties

NIKOLAN Optical Cables



Specification

	NKL-F-xxxM3I-00U-BK										
Number of fibers	4	24									
Type of optical fiber	Multimode fiber 50/125 (Multi Mode)										
Compliance	ISO / IEC 11801 OM3 (transmission speed 10 Gbit / s to 300 m)										
Diameter of Tight buffer	900 ± 25 μm										
Peripheral strength element	High Strength yarn										
Material of outer jacket	UV LSZH										
Area of application	Indoor / outdoor										
Outer jacket diameter	4.8 ± 0.2 mm 5.5 ± 0.2 mm 6.5 ± 0.2 mm 7.8 ± 0.2 mm										
Jacket color	Black										
Mass density per unit strength	18.0 kg/km 28.0 kg/km 38.0 kg/km 50.0 kg/km										
Minimum bending radius		Not less than 10 time	es the cable diameter								
Max. tensile strength, N	440 N 660 N										
Max. tensile strength at break, N	100 N/см										
Temperature ranges	Transportation and storage from -20 to +70 ° C. Laying and installation from -0 to +70 ° C. Operation -20 to +70 ° C										
Individual packing	Wooden drum										
Packing dimensions (LxW)	600x478 600x535 750x550										
Warranty	Component - 5 years. 25 years - as part of a certified NIKOMAX SCS										

Signal loss in fiber

Wavelength, nm	850	1300
Maximum value, dB / km	≤ 2.4	≤ 0.6

Loss on microbending

Radius of mandrel, mm	15	15	37.5	37.5
Number of turns	2	2	100	100
Wavelength, nm	850	1300	850	1300
Increase in attenuation, dB	≤ 1.0	≤ 1.0	≤ 0.5	≤ 0.5

Color identification of optical fibers

Fiber number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
NKL-F-xxxM3I-00U-BK																								

Ordering Table

Product number	Number of fibers	Fiberture		Individual packing				
	Number of fibers	Fiber type	Jacket material	Volume, м ³	Weight, kg			
NKL-F-004M3I-00U-BK	4	MM 50/125	UV LSZH	0.147	44			
NKL-F-008M3I-00U-BK	8	MM 50/125	UV LSZH	0.147	65			
NKL-F-012M3I-00U-BK	12	MM 50/125	UV LSZH	0.331	98			
NKL-F-024M3I-00U-BK	24	MM 50/125	UV LSZH	0.331	98			

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