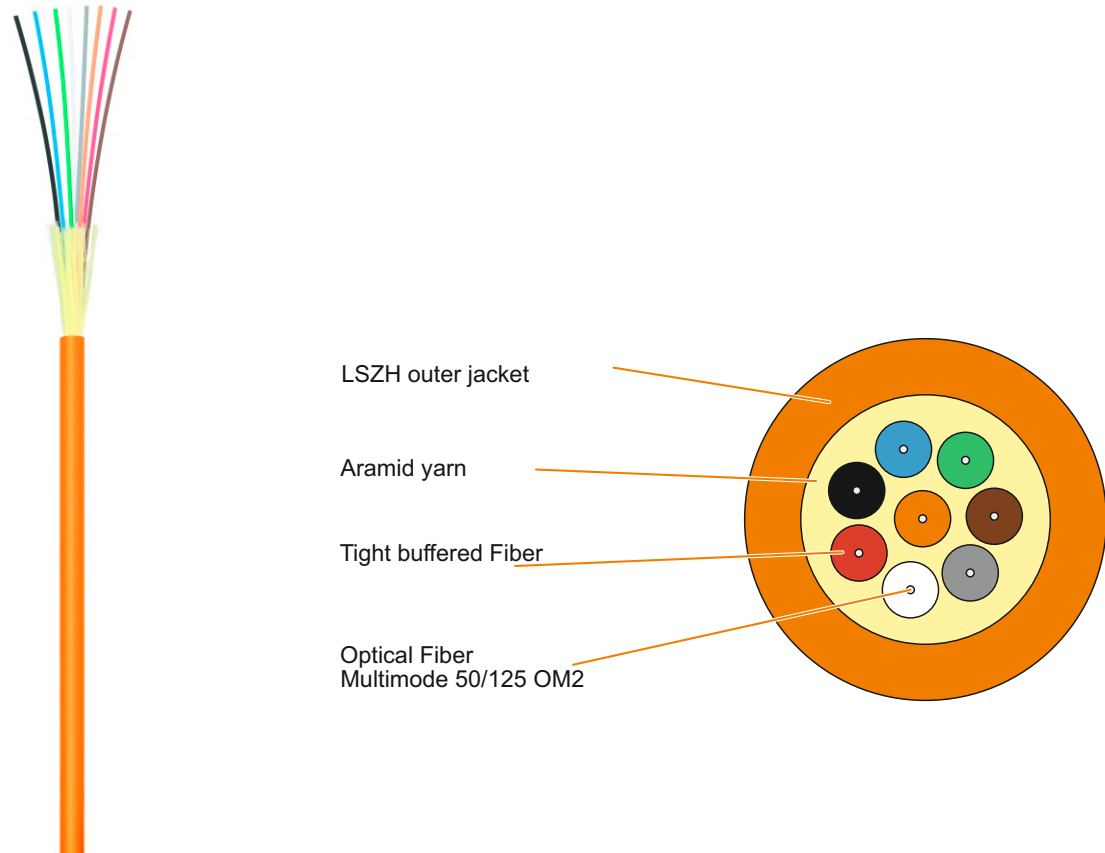


NKL-F-**xxx**M2I-00C-OR – 2/4/8/12/16/24 fibers

NIKOLAN Fiber-Optic Cable, Single-mode 9 / 125µm, OM2, Distribution type, Indoor, With aramid yarn, LSZH ng (B) -HFLTx, Orange

Distribution optical cables, reinforced with aramid yarns, 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.

NIKOMAX NKL-F-xxxM2I-00C-OR cables contain two, four, eight, twelve, sixteen or twenty-four optical fibers in a tight buffer comply with the ISO / IEC 11801 OM2 standard. The optical fiber surrounded by aramid yarn and encased in a low smoke zero- halogen jacket.



NKL-F-008M2I-00C-OR

8 multimode fibers, 50/125, Standard OM3, Indoor, LSZH, Orange

Marking:

NIKOMAX NETWORK SOLUTIONS /// NIKOLAN NKL-F-008M2I-00C-OR 8 x MULTI MODE 50/125 ISO/IEC 11801 OM2 LSZH (Hr(B)-HFLTx) (FC) **YYMM xxxxxM**



Package content

Optical Fiber Cable

2 km

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

Specification

	NKL-F- xxx M2I-00C-OR					
Number of fibers	2	4	8	12	16	24
Type of optical fiber	Multimode fiber 50/125 (Multi Mode)					
Compliance	ISO / IEC 11801 OM2 (Transfer rate of 1 Gbit / s to 550 m)					
Diameter of Tight buffer	900 ± 25 µm					
Peripheral strength element	Aramid yarn					
Material of outer jacket	LSZH					
Area of application	Indoor					
Outer jacket diameter	3.6 ± 0.2 mm	4.8 ± 0.2 mm	5.5 ± 0.2 mm	6.5 ± 0.2 mm	7 ± 0.2 mm	7.8 ± 0.2 mm
Jacket color	Orange					
Mass density per unit strength	11.0 kg/km	18.0 kg/km	28.0 kg/km	38.0 kg/km	47.0 kg/km	50.0 kg/km
Minimum bending radius	Not less than 10 times the cable diameter					
Max. tensile strength, N	440 N			660 N		
Max. tensile strength at break, N	100 N/CM					
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 mm		600x535 mm		700x547 mm	750x550 mm
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	≤ 2.3	≤ 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-xxxM2I-00C-OR																								

Ordering Table

Product Number	Number of fibers	Fiber type	Jacket material	Individual packing	
				Volume, M³	Weight, kg
NKL-F-002M2I-00C-OR	2	MM 50/125	LSZH	0.147	44
NKL-F-004M2I-00C-OR	4	MM 50/125	LSZH	0.147	44
NKL-F-008M2I-00C-OR	8	MM 50/125	LSZH	0.147	65
NKL-F-012M2I-00C-OR	12	MM 50/125	LSZH	0.331	98
NKL-F-016M2I-00C-OR	16	MM 50/125	LSZH	0.331	98
NKL-F-024M2I-00C-OR	24	MM 50/125	LSZH	0.331	98

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