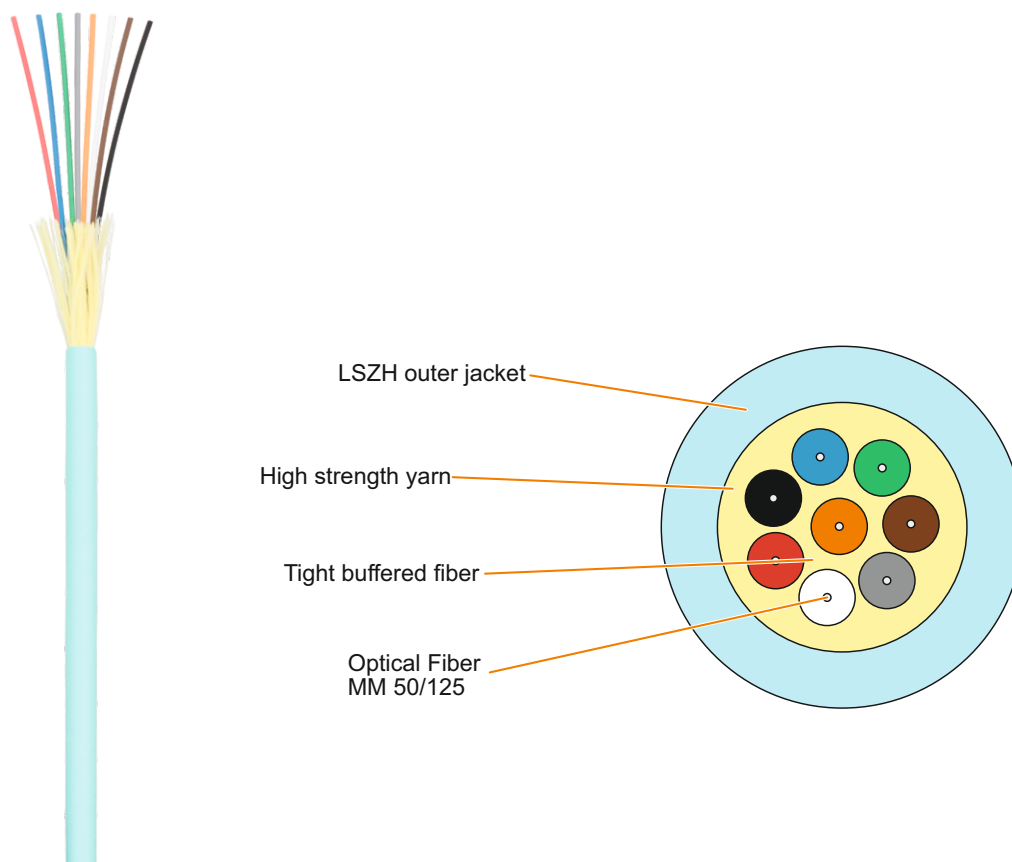


NKL-F-**xxx**M3I-00C-AQ – 4 / 8 / 12 / 24 fibers

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

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-00C-AQ 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.



NKL-F-008M3I-00C-AQ

8 multimode fibers 50/125, the standard OM3,
Indoor, LSZH, Aqua

Marking:

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



Package Content

Opticl Fiber Cable

2 km

Specification

	NKL-F- xxx M3I-00C-AQ			
Number of fibers	4	8	12	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	LSZH			
Area of application	Indoor			
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	Aqua			
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 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	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-00C-AQ																								

Ordering Table

Product number	Number of fibers	Fiber type	Jacket material	Individual packing	
				Volume, m³	Weight, kg
NKL-F-004M3I-00C-AQ	4	MM 50/125	LSZH	0.147	44
NKL-F-008M3I-00C-AQ	8	MM 50/125	LSZH	0.147	65
NKL-F-012M3I-00C-AQ	12	MM 50/125	LSZH	0.331	98
NKL-F-024M3I-00C-AQ	24	MM 50/125	LSZH	0.331	98