

## NKL-F-xxxM3I-00C-AQ

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.

### Ordering Table

P/N	Number of fibers	Fiber type	Jacket material	Individual package	
				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

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## Detailed characteristics

Characteristic	Value
Outer jacket material	LSZH
Application	Indoor
Jacket color	Aqua
Mass density (kg) per unit length (km)	18.0 / 28.0 / 38.0 / 50.0
Maximum tensile strength	440N / 440N / 660N / 660N
Temperature ranges	Transportation and storage from -20 to +70 ° C. Laying and installation from -0 to +70 ° C. Operation -20 to +70 ° C
Warranty	Component - 5 years. 25 years - as part of a certified NIKOMAX SCS
Packaging	Wooden drum
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
Diameter of cable, mm	4.8 ± 0.2 / 5.5 ± 0.2 / 6.5 ± 0.2 / 7.8 ± 0.2
Minimum bending radius	Not less than 10 times the cable diameter
Crushing Force	100 N/cm
Packing dimensions (LxW)	600x478 / 600x535 / 600x535 / 750x550 mm
Peripheral strength element	High Strength yarn
CPR Class	Eca