

## NKL-F-xxxM4I-00C-MG

Fiber-Optic Cable, Multi Mode 50 / 125µm, OM4, Distribution, indoor/outdoor, with High Strength yarn, LSZH Hr (A) -HFLTx, Magenta



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-xxxM4I-00C-MG cables that contain two, four, eight, twelve, sixteen or twenty-four optical fibers in a tight buffer comply with the ISO / IEC 11801 OM4 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	Individual package	
				Volume, m3	Weight, kg
NKL-F-002M4I-00C-MG	2	MM 50/125	UV LSZH compound	0.172	28
NKL-F-004M4I-00C-MG	4	MM 50/125	UV LSZH compound	0.172	42
NKL-F-008M4I-00C-MG	8	MM 50/125	UV LSZH compound	0.193	65
NKL-F-012M4I-00C-MG	12	MM 50/125	UV LSZH compound	0.193	85
NKL-F-016M4I-00C-MG	16	MM 50/125	UV LSZH compound	0.268	98
NKL-F-024M4I-00C-MG	24	MM 50/125	UV LSZH compound	0,309	110

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**Detailed characteristics**

<b>Characteristic</b>	<b>Value</b>
CPR Class	Eca
Outer jacket material	LSZH
Application	Indoor and Outdoor
Jacket color	Magenta
Mass density (kg) per unit length (km)	11.0 kg/km / 18.0 kg/km / 28.0 kg/km / 38.0 kg/km / 47.0 kg/km / 50.0 kg/km
Maximum tensile strength	440 /660
Compliance	ISO / IEC 11801 OM4
Temperature ranges	Transportation and storage from -40 to +70 ° C. Gasket and installation from -0 to +70 ° C. Operation from -40 to +70 ° C
Packaging	Wooden drum
Warranty	Extended - 5 years. 25 years - as a part of certified SKS NIKOMAX
Number of fibers	2/4/8/12/16/24
Type of optical fiber	Multimode fiber 50/125 (Multi Mode)
Diameter of Tight buffer	900 ± 25 µm
Diameter of cable, mm	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
Minimum bending radius	Not less than 10 times the cable diameter
Crushing Force	100 N / cm
Packing dimensions (LxW)	600x478mm / 600x535mm / 700x547mm / 750x550mm
Peripheral strength element	High Strength yarn