

## NKL-F-xxxM2I-00C-OR

Fiber-Optic Cable, Multi Mode 50 / 125µm, OM2, Distribution type, Indoor, With High Strength yarn, LSZH ng (B) -HFLTx, Orange



Distribution optical fiber 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. 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. Over the fibers, consists with High Strength yarn and covered by outer jacket. The outer jacket is made of low smoke and non- combustible LSZH.

### Ordering Table

P/N	Number of fibers	Fiber type	Jacket	Individual package	
				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

## Detailed characteristics

Characteristic	Value
Outer jacket material	LSZH
Application	Indoor
Jacket color	Orange
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 OM2 (Transfer rate of 1 Gbit / s to 550 m)
Warranty	Component - 5 years. 25 years - as part of a certified NIKOMAX SCS
Temperature range	Transportation and storage from -20 to +70 ° C. Laying and installation from -0 to +70 ° C. Operation -20 to +70 ° C
Packaging	Wooden drum
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
CPR Class	Eca