

NKL-F-xxxS2I-00C-YL

Fiber-Optic Cable, Single-mode 9 / 125µm, OS2, Distribution, Indoor, with High Strength yarn, LSZH ng (B) -HFLTx / PVC ng (B), Yellow



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 building subsystem. NIKOLAN NKL-F-xxxS2I-00C-YL cables are designed for indoor installation and contain two, four, eight, twelve, sixteen or twenty-four optical fibers in a tight buffer comply with ISO / IEC 11801 OS2 and ITU-T G.652.D standards . Over the fibers, covered by High Strength yarn and outer jacket. The outer jacket is made of fireretardant lowsmokeandnon-combustibleLSZH or PVC.

Ordering Table

P/N	Number of fibers	Fiber type	Jacket	Individual package	
				Volume, m3	Weight, kg
NKL-F-004S2I-00C-YL	4	SM 9/125 OS2	LSZH	0.172	42
NKL-F-008S2I-00C-YL	8	SM 9/125 OS2	LSZH	0.193	65
NKL-F-012S2I-00C-YL	12	SM 9/125 OS2	LSZH	0.193	85
NKL-F-024S2I-00C-YL	24	SM 9/125 OS2	LSZH	0.3309	110

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Detailed characteristics

Characteristic	Value
Outer jacket material	LSZH / PVC
Application	Indoor
Jacket color	Yellow
Mass density (kg) per unit length (km)	18 / 28 / 38 / 50
Maximum tensile strength	440 / 440 / 660 / 660
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	Single Mode Fiber 9/125 (Single Mode)
Compliance	ISO/IEC 11801 OS2 & ITU-T G.652.D
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 / 700x550 mm
CPR Class	Eca
Peripheral strength element	High Strength Yarn
Compliance	ISO/IEC 11801 OS2 & ITU-T G.652.D