



Fiber-Optic Cable, SingleMode 9/125 μm, OS2, FTTx, indoor/outdoor, with steel wire, LSZH Hr(A)-HFLTx, black

The optical cable of a self-supporting structure with two power elements, the “butterfly,” is intended for installation inside buildings, in cable trays and channels, and also for external installation along external facades of buildings. It is used in FTTx networks, as well as for laying in networks up to workstations or to apartments and offices of subscribers, it can be used as a distribution network in an optical network inside a building. The flat compact cable jacket provides excellent flexibility and reliable protection of optical fibers, while providing easy and convenient access to the fibers.

The NKL-F-xxxS9F-00C-BK cable contains one, two or four optical fibers conforming to ISO/IEC 11801 OS2 и ITU-T G.652.D. The outer shell is made of LSZH (Low Smoke Zero Halogen) non-flame retardant compound, which is low-smoke and does not emit toxic compounds during combustion, the performance is Hr(A)-HFLTx.

Ordering Table

P/N	Number of fibers	Fiber type	Jacket	Individual package	
				Volume, m3	Weight, kg
NKL-F-001S9F-00C-BK	1	SM 9/125	LSZH	0.015	11
NKL-F-002S9F-00C-BK	2	SM 9/125	LSZH	0.015	11
NKL-F-004S9F-00C-BK	4	SM 9/125	LSZH	0.015	11

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Detailed characteristics

Characteristic	Value
Outer jacket material	Low Halogen Free Smoke Compound (LSZH)
Application	Indoor / Outdoor
Mass density (kg) per unit length (km)	9.5
Maximum tensile strength	200 N
Temperature ranges	Transportation and storage from -40 to +60 ° C. Gasket and installation from 0 to +60 ° C. Operation from -40 to +60 ° C
Individual packing	Wooden drum in carton box
Package dimensions (LxW or W x H x D), mm	260 x 260 x 215
Warranty	Component - 5 years. 25 years - as part of a certified NIKOMAX SCS
Color	Black
Number of fibers	1 / 2 / 4
Type of optical fiber	Single Mode 9/125
Compliance	ISO/IEC 11801 OS2 & ITU-T G.652.D
Diameter of Tight buffer	250 ± 10
Minimum bending radius	≥ 30 mm
Crushing Force	100 N/cm
Peripheral strength element	Phosphated steel wire
Diameter of the power element	0.45 ± 0.1 mm
Overall dimensions of cable, mm	2 ± 0.1 x 3 ± 0.1