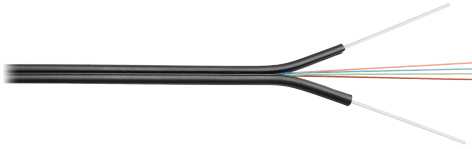


# NKL-F-xxxA1P-00C-BK

Fiber-Optic Cable, SM 9/125, G 657.A1, FTTx, indoor/outdoor, with fiberglass rods , LSZH  
Hr(A)-HFLT<sub>x</sub>, black



Optical cables NIKOLAN of the P series, a "butterfly" of a self-supporting structure, with two dielectric power elements, are intended for laying inside buildings, in cable trays and channels, as well as for external laying on external facades of buildings. They are used in FTTx networks, as well as for laying in networks up to workplaces or to apartments and offices of subscribers, can be used as distribution in an optical network inside a building. The flat compact shell provides excellent flexibility and reliable protection of optical fibers, while organizing easy and convenient access to the fibers. NKL-F-xxxA1P-00C-BK cables contain one, two or four optical fibers conforming to ITU-T G.657.A1 & ITU-T G.652.D standards. The cable is reinforced with two power elements in the form of fiberglass rods located on the sides, in the shell. The outer shell is made of a light-stabilized LSZH (Low Smoke Zero Halogen) compound that is low in smoke and does not emit toxic compounds during combustion. The cable is suitable for both internal and external use.

## Ordering Table

P/N	Number of fibers	Fiber type	Jacket	Individual package	
				Volume, m3	Weight, kg
NKL-F-001A1P-00C-BK	1	SM 9/125	LSZH	0.015	9
NKL-F-002A1P-00C-BK	2	SM 9/125	LSZH	0.015	9
NKL-F-004A1P-00C-BK	4	SM 9/125	LSZH	0.015	9

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## Detailed characteristics

Characteristic	Value
CPR Class	Fca
Outer jacket material	Low Halogen Free Smoke Compound (LSZH)
Application	Indoor / Outdoor
Outer jacket diameter, mm	2 ± 0.1 x 3 ± 0.1
Jacket color	Black
Mass density (kg) per unit length (km)	8.0
Maximum tensile strength	80N
Compliance	ITU-T G.657.A1 & ITU-T G.652.D
Package dimensions (LxW or W x H x D), mm	260 x 260 x 210
Warranty	Component - 5 years. 25 years - as part of a certified NIKOMAX SCS
Packaging	Wooden drum in carton box
Temperature range	Transportation and storage from -40 to +60 ° C. Gasket and installation from 0 to +60 ° C. Operation from -40 to +60 ° C
Number of fibers	1 / 2 / 4
Type of optical fiber	Single Mode 9/125
Diameter of Tight buffer	250 ± 10 µm
Minimum bending radius	≥ 15 mm
Crushing Force	100 N / cm
Peripheral strength element	Fiberglass bar
Diameter of the power element	0.45 ± 0.1 mm