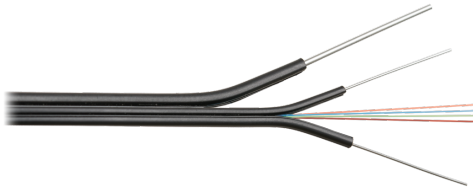


## NKL-F-xxxA1H-00C-BK

SM 9/125 cables are universal, flat ("butterfly"), with steel bars



The F series of NIKOLAN optical cables, having "butterfly" self-supporting structure and two steel load-bearing elements. They are intended for laying inside the buildings, also can be used for outdoor laying on external facades of buildings with cable trays and ducts. They are used in FTTx networks, it can be laid to workplaces, apartments, offices...etc. The flat, small-sized cladding provides excellent flexibility and reliable protection, while providing easy and convenient access to the fibers.

**NKL-F-xxxA1H-00C-BK** cables contain one, two, or four optical fibers that comply with ISO / IEC 11801 OS2 and ITU-T G.652.D. The cable is reinforced with two power elements in the form of steel wires, located on the sides, in a sheath. A steel cable is used as a suspension element. The outer shell is made of a light-stabilized LSZH (Low Smoke Zero Halogen) compound that is low-smoke and does not emit toxic compounds during combustion. The cable is suitable for both indoor and outdoor use.

### Ordering Table

P/N	Fiber count	Fiber type	Shell	Individual packaging	
				Volume, m3	Weight, kg
NKL-F-001A1H-00C-BK	1	SM 9/125	LSZH	0.025	23
NKL-F-002A1H-00C-BK	2	SM 9/125	LSZH	0.025	23
NKL-F-004A1H-00C-BK	4	SM 9/125	LSZH	0.025	23

## Detailed characteristics

Characteristic	Value
Jacket Casing Material	Low Smoke Halogen Free Compound (LSZH)
Application	For internal and external lining
Jacket color	Black
Linear weight, kg/km	21.5
Tension limit	600 N
Compliance	ITU-T G.657.A1 & ITU-T G.652.D
Temperature range	Storage from -40 to +60 °C. Installation from 0 to +60 °C. Operation from -40 to +60 °C
Individual packing	Wooden drum in a cardboard box
Package dimensions (LxW or W x H x D), mm	315 x 315 x 250
Warranty	1 year
Covering	1 / 2 / 4
Fiber type	Single Mode 9/125
Diameter of Buffer	245 ± 10 µm
Minimum bending radius	≥ 30 mm
Crushing Force	220 N / cm
Diameter of remote strength element	1.2 mm
Remote strength element	Phosphated Steel Wire
Diameter of peripheral strength element	0.45 ± 0.1 mm
Peripheral strength element	Phosphated Steel Rope
External dimensions of the shell	2 ± 0.1 x 5.1 ± 0.1 mm
CPR Class	Fca