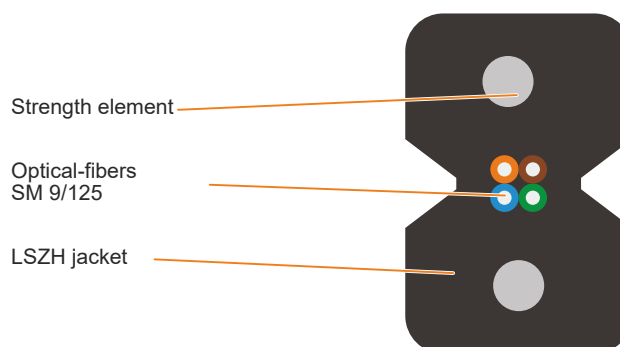## NKL-F-001S9F-00C-BK — 1 fiber
NKL-F-002S9F-00C-BK — 2 fibers
NKL-F-004S9F-00C-BK — 4 fibers

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 toISO/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.

Strength element

Optical-fibers
SM 9/125

LSZH jacket

NKL-F-004S9F-00C-BK
4 singlemode fibers 9/125, OS2 & G.652.D,
indoor/outdoor, LSZH, black

Marking:
NIKOMAX NETWORK SOLUTIONS /// NIKOLAN NKL-F-004S9F-00C-BK 4 x SINGLE MODE 9/125 ISO/IEC 11801 OS2 & ITU-T G.652.D LSZH -40C (Hr(B)-HFLTx) (FC) YYMM xxxxM

F ca

Package content	
Optical Fiber Cable	1 km

The manufacturer reserves the right to change the appearance and characteristics of the product, without reducing its consumer properties

Specification

Part Number	NKL-F-001S9F-00C-BK	NKL-F-002S9F-00C-BK	NKL-F-004S9F-00C-BK
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		
Strength element	Phosphated steel wire		
Strength element diametr, mm	0.5		
Material of outer jacket	Low Smoke Halogen Free Compounds (LSZH)		
Area of application	Indoor/Outdoor		
Outer cable jacket size, mm	2 ± 0.1 x 3 ± 0.1		
Color	Black		
Mass density (kg) per unit length (km)	9.5		
Bending radius when laying, mm	≥ 30		
Bending radius when operation, mm	≥ 60		
Maximum tensile strength, H	200		
Temperature ranges	Storage from -40 to +60 ˚C. Laying and installation from 0 to +60 ˚C. Operation 0 to +60 ˚ C.		
Maximum crushing force, N / 100 mm	1000		
Individual packing	Wooden drum in carton box		
Packing size (LxWxH), mm	260 x 260 x 215		
Warranty	Component - 5 years. 25 years - as part of a certified NIKOMAX SCS		

Order table

Part number	Number of fibers	Type of optical fiber	Jacket	Individual packing	
				Size, mm	Weight, kg
NKL-F-001S9F-00C-BK	1	SM 9/125	LSZH	260 x 260 x 210	11
NKL-F-002S9F-00C-BK	2	SM 9/125	LSZH	260 x 260 x 210	11
NKL-F-004S9F-00C-BK	4	SM 9/125	LSZH	260 x 260 x 210	11

Color identification of optical fibers

Part number	1	2	3	4
NKL-F-001S9F-00C-BK	⚪ *			
NKL-F-002S9F-00C-BK	🔵	⚪ *		
NKL-F-004S9F-00C-BK	🔵	🟠	🟢	🟤

* - fiber with a transparent buffer color

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