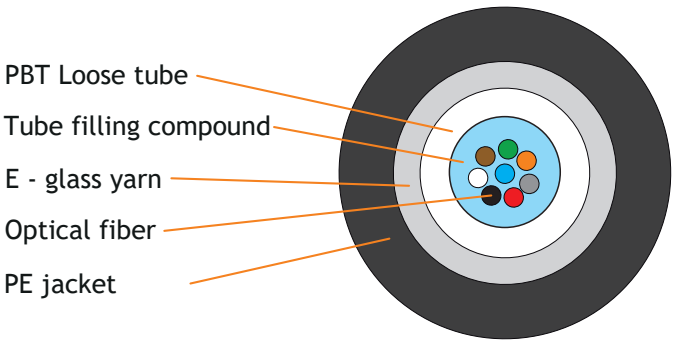
NKL-F-xxxS2G-01B-BK — 2/4/6/8/12/16/24 fibers OS2 Standard
NKL-F-xxxM2G-01B-BK — 2/4/6/8/12/16/24 fibers OM2 Standard
NKL-F-xxxM3G-01B-BK — 2/4/6/8/12/16/24 fibers OM3 Standard
NKL-F-xxxM4G-01B-BK — 2/4/6/8/12/16/24 fibers OM4 Standard

NIKOLAN Fiber-Optic Cable, SingleMode 9/125µm OS2 or Multimode 50/125, Uni Loose Tube, With E - glass yarn, Outdoor, PE Jacket, Black

NIKOLAN cables, with E - glass yarn are designed for laying both inside buildings and outside, in the cable sewerage, blocks, tunnels, collectors, on bridges and flyovers, between buildings and structures.

NKL-F-xxxyyG-01B-BK cables are designed for outdoor installation and contain two, four, six, eight, twelve, sixteen and twenty four optical fibers. Optical cables can be made with fibers comply with the following standard: ITU-T G652.D., ISO/IEC 11801 OM2/OM3/OM4. Optical fibers are laid in the loose tube, which is filled with a hydrophobic gel. Loose tube covered E - glass yarn. The outer jacket is made of PE.



NKL-F-008S2G-01B-BK
8 singlemode fibers, 9/125, G.652.D,
Uni Loose Tube, With E - glass yarn, PE, Black

Marking:
NIKOMAX NETWORK SOLUTIONS /// NIKOLAN NKL-F-008S2G-01B-BK 8 x SINGLE MODE 9/125 ITU-T G.652.D PE YYMM xxxxM

Package content

Optical Fiber Cable	2 km

Specification

	NKL-F-xxxyyG-01B-BK						
Number of fibers	2	4	6	8	12	16	24
Type of optical fiber	Singlemode fiber 9/125 or Multimode fiber 50/125						
Compliance	ITU-T G652.D or ISO/IEC 11801 OM2/OM3/OM4						
Diameter of cable	6.5 mm					7.0 mm	
Peripheral strength element	E - glass yarn						
Material of outer jacket	PE						
Area of application	Outdoor						
Jacket color	Black						
Mass density per unit strength	31 kg/km					36 kg/km	
Minimum bending radius	Not less than 10 times the cable diameter						
Max. tensile strength, N	1000 N						
Temperature ranges	Transportation and storage from -50 to +70 ° C. Laying and installation from -20 to +60 ° C. Operation -40 to +60 ° C						
Individual packing	Wooden drum						
Warranty	Component - 5 years. 25 years - as part of a certified NIKOMAX SCS						

Signal loss in fiber

Singlemode fiber 9/125				
Wavelength, nm	**1310**	**1383***	**1550**	**1625**
Maximum value, dB/km	≤ 0.36	≤ 0.34	≤ 0.22	≤ 0.23
Multimode fiber 50/125				
Wavelength, nm	**850**		**1300**	
Maximum value, dB/km	≤ 3.0		≤ 1.5	

*≤ 0.05 attenuation values at this wavelength after aging in a hydrogen atmosphere

Loss on microbending

Singlemode fiber 9/125				
Radius of mandrel, mm	**16**	**25**	**25**	**25**
Number of turns	1	100	100	100
Wavelength, nm	1550	1310	1550	1625
Increase in attenuation, dB	≤ 0.05	≤ 0.05	≤ 0.05	≤ 0.01
Multimode fiber 50/125				
Radius of mandrel, mm	**15**	**15**	**37.5**	**37.5**
Number of turns	2	2	100	100
Wavelength, nm	850	1300	850	1300
Increase in attenuation, dB	≤ 1.0	≤ 1.0	≤ 0.5	≤ 0.5

Color identification of optical fibers

Fiber number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
NKL-F-002yyG-01B-BK																								
NKL-F-004yyG-01B-BK																								
NKL-F-006yyG-01B-BK																								
NKL-F-008yyG-01B-BK																								
NKL-F-012yyG-01B-BK																								
NKL-F-016yyG-01B-BK																								
NKL-F-024yyG-01B-BK																								

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