

## NKL-F-xxxS2TG-02U-BK

NIKOLAN Armored Fiber-Optic Cable, SingleMode 9/125µm OS2, Uni Loose Tube, With Corrugated Steel tape & E - glass yarn, Indoor/Outdoor, UV LSZH, Black



NIKOLAN cables, with corrugated steel tape and E - glass yarn are designed for laying both inside buildings and outside, in the cable sewerage, blocks, tunnels, collectors, on bridges and flyovers, in ground of 1 - 3 groups, between buildings and structures. NKL-F-xxxxyTG-02U-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 OS2/OM2/OM3/OM4. Optical fibers are laid in the loose tube, which is filled with a hydrophobic gel. E - glass yarn is used as strength member. Loose tube covered steel tape. The outer jacket is made of UV Light-stabilized LSZH.

### Ordering Table

P/N	Number of fibers	Fiber type	Jacket	Individual package	
				Volume, m3	Weight, kg
NKL-F-002S2TG-02U-BK2		SM 9/125 OS2	UV LSZH	-	-
NKL-F-004S2TG-02U-BK4		SM 9/125 OS2	UV LSZH	-	-
NKL-F-006S2TG-02U-BK6		SM 9/125 OS2	UV LSZH	-	-
NKL-F-008S2TG-02U-BK8		SM 9/125 OS2	UV LSZH	-	-
NKL-F-012S2TG-02U-BK12		SM 9/125 OS2	UV LSZH	-	-
NKL-F-016S2TG-02U-BK16		SM 9/125 OS2	UV LSZH	-	-
NKL-F-024S2TG-02U-BK24		SM 9/125 OS2	UV LSZH	-	-

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## **Detailed characteristics**

Characteristic	Value
CPR Class	Eca
Outer jacket material	UV LSZH
Application	Indoor / Outdoor
Mass density (kg) per unit length (km)	31 kg/km / 31 kg/km / 31 kg/km / 31 kg/km / 31 kg/km / 36 kg/km / 36 kg/km
Maximum tensile strength	2000N
Packaging	Wooden drum
Diameter of cable	6.5 mm / 6.5 mm / 6.5 mm / 6.5 mm / 6.5 mm / 7.0 mm / 7.0 mm
Compliance	ITU-T G652.D or ISO/IEC 11801 OS2
Temperature ranges	Transportation and storage from -40 to +70 ° C. Laying and installation from 0 to +70 ° C. Operation -40 to +70 ° C
Number of ports for main cables	Component - 5 years. 25 years - as part of a certified NIKOMAX SCS
Number of fibers	2 / 4 / 6 / 8 / 12 / 16 / 24
Type of optical fiber	Singlemode fiber 9/125
Minimum bending radius	Not less than 10 times the cable diameter
Color of outer jacket	Black
Peripheral strength element	Steel Tape & E - glass yarn