

## NKL-F-xxxM2T-01U-BK

Fiber-Optic Cable, Multi Mode 50/125µm OM2, Uni Loose Tube, Indoor/Outdoor, with corrugated steel tape, Black



NIKOLAN cables, with corrugated steel tape 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-xxxyyT-01U-BK cables are designed for outdoor installation and contain two, four, six, eight, twelve or sixteen optical 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. Two parallel steel wires is used as strength member. Loose tube covered steel tape. The outer jacket is made of UV Lightstabilized LSZH.

## **Ordering Table**

P/N	Number of fibers	Fiber type	Jacket	Individual package	
				Volume, м3	Weight, kg
NKL-F-016M2T-01U-BK	16	MM 50/125 OM2	UV LSZH	-	-
NKL-F-002M2T-01U-BK	2	MM 50/125 OM2	UV LSZH	-	-
NKL-F-004M2T-01U-BK	4	MM 50/125 OM2	UV LSZH	-	-
NKL-F-006M2T-01U-BK	6	MM 50/125 OM2	UV LSZH	-	-
NKL-F-008M2T-01U-BK	8	MM 50/125 OM2	UV LSZH	-	-
NKL-F-012M2T-01U-BK	12	MM 50/125 OM2	UV LSZH	-	-



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## **Detailed characteristics**

Characteristic	Value			
CPR Class	Fca			
Outer jacket material	UV Light-stabilized LSZH			
Application	Indoor / Outdoor			
Jacket color	Black			
Mass density (kg) per unit length (km)	68 kg/km			
Maximum tensile strength	1000 N			
Compliance	ITU-T G652.D or ISO/IEC 11801 OM2			
	Transportation and storage from -40 to +70 ° C. Laying and installation from 0 to +70 ° C.			
Temperature ranges	Operation -40 to +70 ° C			
Warranty	Component - 5 years. 25 years - as part of a certified NIKOMAX SCS			
Packaging	Wooden drum			
Diameter of cable	8.0 mm			
Number of fibers	2/4/6/8/12/16			
Type of optical fiber	Multimode fiber 50/125			
Diameter of steel wires	2 x 0.9 mm			
Minimum bending radius	Not less than 20 times the cable diameter			
Peripheral strength element	Steel tape & Steel wire			