NIKOMAX®

NKL-F-xxxM4MT-01U-BK

NIKOLAN Fiber-Optic Cable, Multimode 50/125 OM4, Multi Loose Tube Indoor/Outdoor,
With corrugated steel tape, Black

NIKOLAN cables, with corrugated steel tape are designed for laying in the cable sewerage, blocks, tunnels, collectors, on bridges and flyovers, in ground of 1-3 groups, between buildings and structures. NKL-F-xxxyyMT-01U-BK cables are designed for outdoor installation and contain twenty four, thirty six, forty eight or seventy two optical 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. Optical modules are wrapped around a central strength member. Optical modules 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, м3	Weight, kg
NKL-F-036M4MT-01U-BK36		MM 50/125 OM4	UV LSZH	-	-
NKL-F-048M4MT-01U-BK48		MM 50/125 OM4	UV LSZH	-	-
NKL-F-096M4MT-01U-BK96		MM 50/125 OM4	UV LSZH	-	-

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Detailed characteristics

Characteristic	Value
CPR Class	Fca
Outer jacket material	UV Light-stabilized LSZH
Application	Indoor / Outdoor
Maximum tensile strength	1000 N
Warranty	Component - 5 years. 25 years - as part of a certified NIKOMAX SCS
Marking	91.0 kg/km / 91.0 kg/km / 145.0 kg/km
Diameter of cable	9.1 mm / 9.5 mm / 12.0 mm
Compliance	ISO/IEC 11801 OM4 & ITU-T G.652.D
Temperature ranges	Transportation and storage from -50 to +70 ° C. Laying and installation from -20 to +60 ° C. Operation -40 to +60 ° C
Packaging	Wooden drum
Number of fibers	36 / 48 / 96
Type of optical fiber	Multimode fiber 50/125
Minimum bending radius	Not less than 20 times the cable diameter
Color of outer jacket	Black
Peripheral strength element	Steel rope