

NIKOLAN Fiber-Optic Cable, Multimode 50/125 OM4, Uni Loose Tube, With E - glass yarn, Indoor/Outdoor, UV LSZH Jacket, 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-002M4G-01U-BK	2	MM 50/125 OM4	UV Light-stabilized LSZH	-	-
NKL-F-004M4G-01U-BK	4	MM 50/125 OM4	UV Light-stabilized LSZH	-	-
NKL-F-006M4G-01U-BK	6	MM 50/125 OM4	UV Light-stabilized LSZH	-	-
NKL-F-008M4G-01U-BK	8	MM 50/125 OM4	UV Light-stabilized LSZH	-	-
NKL-F-012M4G-01U-BK	12	MM 50/125 OM4	UV Light-stabilized LSZH	-	-
NKL-F-016M4G-01U-BK	16	MM 50/125 OM4	UV Light-stabilized LSZH	-	-
NKL-F-024M4G-01U-BK	24	MM 50/125 OM4	UV Light-stabilized LSZH	-	-

## Detailed characteristics

Characteristic	Value
CPR Class	Eca
Outer jacket material	UV Light-stabilized 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	1000N
Packaging	Wooden drum
Temperature ranges	Transportation and storage from -40 to +70 ° C. Laying and installation from 0 to +70 ° C. Operation -40 to +70 ° C
Warranty	Component - 5 years. 25 years - as part of a certified NIKOMAX SCS
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 OM4
Number of fibers	2 / 4 / 6 / 8 / 12 / 16 / 24
Type of optical fiber	Multimode fiber 50/125
Minimum bending radius	Not less than 10 times the cable diameter
Peripheral strength element	E - glass yarn
Color of outer jacket	Black