

MI- MKL

Fiber optic cable to use in microducts.



Fiber-optic microcable cross section

features:

- multitub design,
- singlemode fibers 9 / 125 μ m G.657A1/G.657A1 standard,
- installation by blowing,
- no electrostatic effect,
- thermoplastic filling,
- outer sheath with low coefficient of friction,
- layer protecting against water penetration,
- central strength element made of FRP fiberglass.

standards and certificates

- ITU-T G.657.A1
- ITU-T G.652D
- IEC 60793
- IEC 60794-1
- IEC 60794-5

sectors:



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technical parameteres:

MI-MKL	5,9	6,5	8	10,4
cable diameter [mm]	5,9	6,5	8	10,4
fiber count	12-72	96	144	288
number of tubes	6	8	12	24
fiber count per tube	12			
tube diameter [mm]	1,4			
outher sheath material	HDPE			
outher sheath thickness [mm]	0,45			
nominal cable diameter[mm]	120	130	160	400
fiber type	G652D/G.657A1			
tensile force [N]	1000	1500		
storage temperature [°C]	-40 to +70			
installation temperature [°C]	-10 to +55			
operational temperature[°C]	-40 to +70			
weight [kg/km]	28	38	58	