



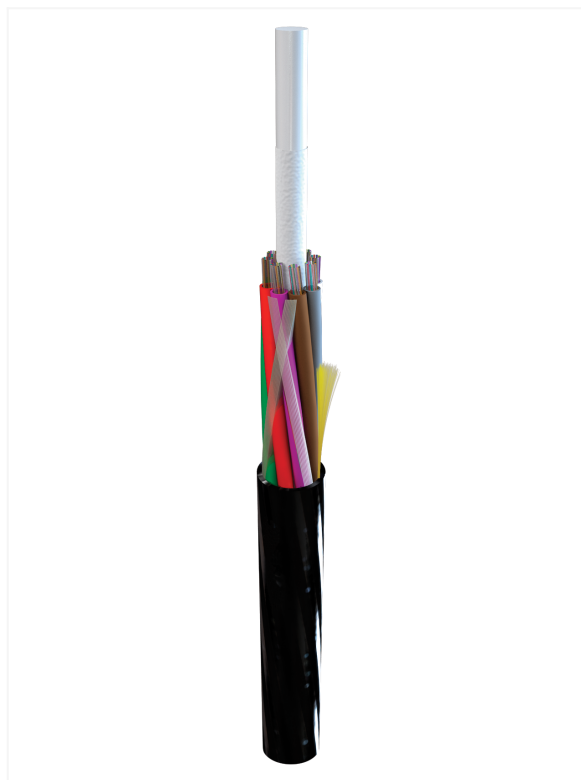
8007 7 xxx-00

Microduct fiber optic cable LTMC 250 µm

Outdoor single-mode fiber optic micro cable A-DQ(ZN)2Y – fully dielectric cable with a lightweight multi-loose tube construction. It is characterized by flexibility and tensile strength, and is UV resistant. Each tube can contain up to 24 fibers, and is filled with hydrophobic gel to protect the fibers from moisture penetration.

The cable's tubes are twisted around a central reinforcing element (FRP). Additionally, the cable is equipped with a thread to facilitate splitting the cable's outer sheath (ripcord).

The cable is intended for outdoor installation. Installation can be carried out using pneumatic (blowing) methods into microducts with an internal diameter recommended for the given cable diameter.



Technical specifications

Microduct fiber optic cable LTMC 250 µm

Product group	outdoor cable
Fiber standard	ITU-T G.657.A1
Deformation resistance	yes
Halogen-free (according to EN 13501-1/2)	yes
Longitudinal moisture penetration protection	yes
Rodent-resistant	not
Tube	Loose tube
Fiber type	SM
Outer sheath	HDPE
Outer sheath color	black

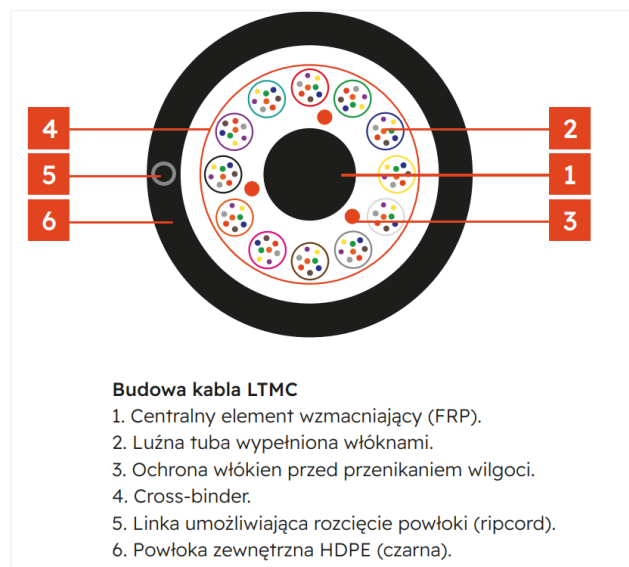


Outer sheath thickness	0,45-0,5mm
Operating temperature range	-30°C / +70°C
Installation temperature range	-15°C / +50°C
Transport temperature range	-40°C / +70°C

Available variants

Microduct fiber optic cable LTMC 250 µm

Name	Catalogue number	Construction	Bending radius [mm]	Weight [kg/km]	Cable diameter [mm]	Maximum tensile force [N]
LTMC 12J	8007 4 832-00	12 x SM (1x12)	120	25	6,0	1000
LTMC 24J	8007 4 816-00	24 x SM (2x12)	120	26	6,0	1000
LTMC 36J	8007 4 813-00	36 x SM (3x12)	120	26	6,0	1000
LTMC 48J	8007 4 815-00	48 x SM (4x12)	120	27	6,0	1000
LTMC 72J	8007 4 814-00	72 x SM (6x12)	120	28	6,0	1000
LTMC 96J	8007 4 812-00	96 x SM (8x12)	140	42	6,9	2000
LTMC 144J	8007 4 834-00	144 x SM (6x24)	160	48	7,9	1500



High flexibility

The LTMC cable is characterized by high flexibility, which facilitates its manipulation and installation in microducts and narrow spaces.

Outdoor weather resistance:

The cable's construction provides resistance to weather conditions, UV radiation, and variable temperatures, which is crucial for its durability and reliability in outdoor installations.