

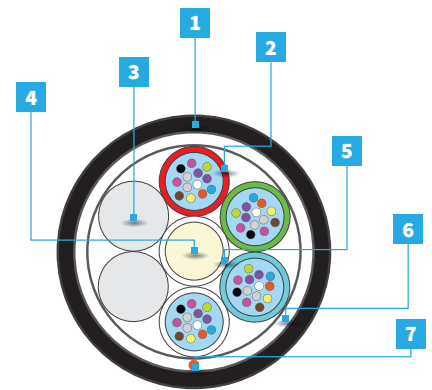
MICRODUCT MK-LXS6/7/8

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Cable structure (MK-LXS6)

1. Outer Sheath: HDPE
2. Loose Tubes (PBT) with colored fibers in filling gel
3. Fillers
4. Central Strength Member (FRP)
5. Waterblocking Yarns on FRP
6. Waterblocking Yarns on Strand Element
7. Ripcord



Optimal diameter



Low Friction



Telecom



Blowing installation



Microduct Generation 1

Configuration

METROJET MK-LXS6										
Version	Fibers	Fibers per tube	Total elements	Active tubes	Fillers	Ø ± 5% [mm]	Nominal weight ±10% [kg/km]	Max. tensile load [N]		Crush [N/10cm]
								installation	operation	
6T x 4F	24	4	6	6	0	5.3	18	650	200	500
6T x 6F	36	6	6	6	0	5.3	18			
6T x 8F	48	8	6	6	0	5.3	19			
6T x 10F	60	10	6	6	0	5.3	19			
6T x 12F	72	12	6	6	0	5.3	21			

METROJET MK-LXS7										
Version	Fibers	Fibers per tube	Total elements	Active tubes	Fillers	Ø ± 5% [mm]	Nominal weight ±10% [kg/km]	Max. tensile load [N]		Crush [N/10cm]
								installation	operation	
8T x 4F	32	4	8	8	0	6.2	28	1200	350	1000 Δα reversible, fiber strain ≤0.5%
8T x 6F	48	6	8	8	0	6.2	28			
8T x 8F	64	8	8	8	0	6.2	29			
8T x 10F	80	10	8	8	0	6.2	30			
8T x 12F	96	12	8	8	0	6.2	31			

METROJET MK-LXS8										
Version	Fibers	Fibers per tube	Total elements	Active tubes	Fillers	Ø ± 5% [mm]	Nominal weight ±10% [kg/km]	Max. tensile load [N]		Crush [N/10cm]
								installation	operation	
12T x 4F	48	4	12	12	0	7.9	47	1500	550	1000 Δα reversible, fiber strain ≤0.5%
12T x 6F	72	6	12	12	0	7.9	48			
12T x 8F	96	8	12	12	0	7.9	49			
12T x 10F	120	10	12	12	0	7.9	50			
12T x 12F	144	12	12	12	0	7.9	52			

Other Fiber counts available on demand

Applications

- Microduct cabling air-blowing system application
- Metro networks
- Flexible network design
- Distribution network

Features

- HDPE, UV resistance external jacket with low friction
- Loose tubes (and fillers), SZ stranded around the CSM
- Each PBT tubes containing 4-12 optical fibers

Operating temperature

