

# MICRODUCT MK-LXS6/7/8

## MICRODUCT MK-LXS6/7/8



Optimal diameter



Low friction



Telecom



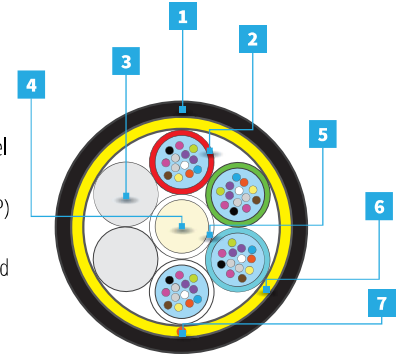
Blowing installation



Microduct Generation 1

### Cable structure

1. HDPE outer jacket
2. Loose tubes (PBT) with colored fibers in filling gel
3. Fillers
4. Central strength member (FRP)
5. Water blocking yarns on FRP
6. Water blocking yarns on strand element
7. Ripcord



### 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/10 cm]
								instal-lation	opera-tion	
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			
4T x 12F	48	10	6	4	2	5.3	20			
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/10 cm]
								instal-lation	opera-tion	
8T x 4F	32	4	8	8	0	6.2	28	1200	350	500
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/10 cm]
								instal-lation	opera-tion	
12T x 4F	48	4	12	12	0	7.8	47	1500	550	500
12T x 6F	72	6	12	12	0	7.8	48			
12T x 8F	96	8	12	12	0	7.8	49			
12T x 10F	120	10	12	12	0	7.8	50			
12T x 12F	144	12	12	12	0	7.8	52			

Other fiber counts available on demand

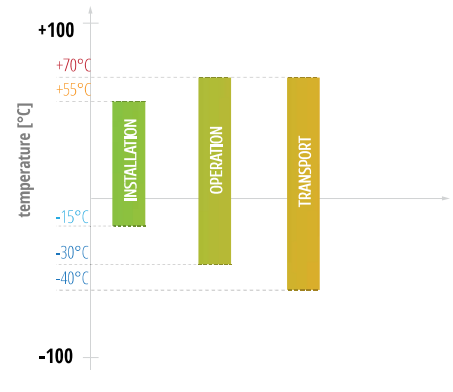
### Applications

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

### Features

- HDPE, UV stabilized outer jacket with low coefficient of friction
- Loose tubes (and fillers), SZ stranded around the CSM
- PBT tubes containing up to 12 optical fibers

### Operating temperature



# MICRODUCT MK-LXS9/10

## MICRODUCT MK-LXS9/10



Optimal diameter



Low friction



Telecom



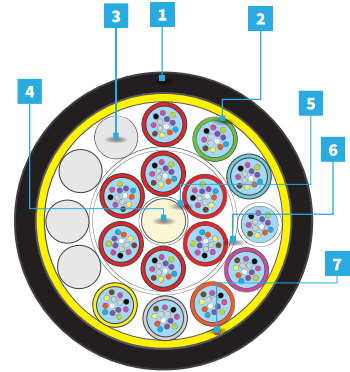
Blowing installation



Microduct Generation 1

### Cable structure

1. HDPE outer jacket
2. Loose tubes (PBT) with colored fibers in filling gel
3. Fillers
4. Central strength member (FRP)
5. Water blocking yarns on FRP
6. Water blocking tape on strand element
7. Ripcord



### Configuration

METROJET MK-LXS9										
Version	Fibers	Fibers per tube	Total elements	Active tubes	Fillers	Ø ± 5% [mm]	Nominal weight ± 10% [kg/km]	Max. tensile load [N]		Crush [N/10 cm]
								instal-lation	opera-tion	
14T x 12F	168	12	18	14	4	8.7	53	650	200	500
16T x 12F	192	12	18	16	2	8.7	54			
18T x 12F	216	12	18	18	0	8.7	55			

METROJET MK-LXS10										
Version	Fibers	Fibers per tube	Total elements	Active tubes	Fillers	Ø ± 5% [mm]	Nominal weight ± 10% [kg/km]	Max. tensile load [N]		Crush [N/10 cm]
								instal-lation	opera-tion	
24T x 12F	288	12	24	24	0	9.3	72	1000	250	500

Other fiber counts available on demand

### Applications

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

### Features

- HDPE, UV stabilized outer jacket with low coefficient of friction
- Loose tubes (and fillers), SZ stranded around the CSM
- PBT tubes containing up to 12 optical fibers

### Operating temperature

