

Multifibre Micro Cable 12-144F

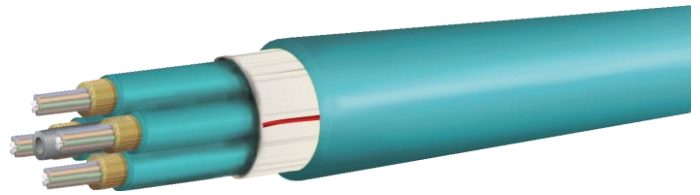
Micro cable and double jacket/subgroup micro cable is ideal for indoor installations requiring a flexible, lightweight and reliable cable design where high fibre counts and small size is critical.

The high fibre counts and low cable diameter make micro cable the preferred cable for most enterprise level networks including MTP® and MPO and other pre-terminated networks. The compact construction limits cable congestion in populous networks.

Available in a variety of fibre counts in single jacket or double jacket/sub-grouped construction.

Application

- Data centre and enterprise networks
- Storage area networks - fibre channel
- Local area network backbone links
- Highly populated telecommunications exchanges.



Features & Benefits

- Compact construction and high fibre count suit populous networks
- High strength to weight ratio allows for easy handling and long term installation reliability
- Smaller and lighter than distribution style cable constructions
- Low smoke zero halogen emitting jacket - perfectly suited to data centre installations
- Wide operating temperature range of -20°C to +70°C
- Perfectly suited to MTP backbone leads in crossconnect networks
- Flexible cable construction allows for easy handling and management in enclosures
- Singlemode and multimode fibre variants available
- 12 to 144 fibre constructions

Characteristics and Specifications

Operating temp. (°C)	-20 to +70	
Storage temp. (°C)	-20 to +70	
Install temp. (°C)	-10 to +60	
Crush resistance (N/cm) installation	1,000 / 500	(double/single jacket)
Crush resistance (N/cm) long term	300 / 150	(double/single jacket)
Central strength member	PE upcoated FRP rod (excl. 12f)	
Peripheral member	Aramid yarn	

Fibre Count	Nominal diameter (mm)	Nominal weight (kg/km)	Installation tensile load (N)	Operational tensile load (N)	Min. bend radius installation (cm)	Min. bend radius long term (cm)
12	3.0	8	150	80	6.0	3.0
12*	4.5	22	400	150	9.0	4.5
24	9.0	76	500	180	18.0	9.0
48	9.0	79	600	200	18.0	9.0
72	11.2	126	1000	300	22.4	11.2
96	13.5	178	1000	300	27.0	13.5
144	17.5	285	1000	300	35.0	17.5

*Double jacket with secondary aramid yarn strength member layer