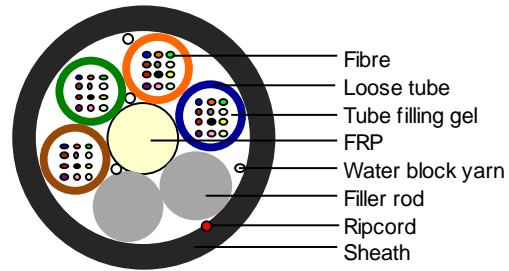


Technical Data Sheet



MBC 12-144F

Micro Blown Cable with 12-144 fibres for micro duct blown installations



Cable structure

- Thixotropic jelly filled loose tube design
- Tubes SZ stranded around the central strength member
- Water blocking yarns and tape are applied for cable core water ingress protection
- Over sheathed with Black HDPE
- One ripcord laid beneath the sheath

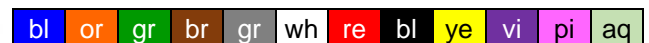
Application

- Small diameter, light weight, optimized for blowing or pushing into micro ducts
- Superior blowing performance
- Working temperature: -20°C~+70°C
- 25 year life expectancy

Characteristics

- Fibre attenuation at 1310/1550nm: $\leq 0.35/0.21$ db/km
- Fibre linear PMD: ≤ 0.06 ps/ $\sqrt{\text{km}}$ (M=20, Q=0.01%)
- Installation tensile resistance: 1.2 times cable weight, not less than 600N
- Crush resistance: 650N
- Water penetration: 3m sample, 1m water column, for 24h
- Cable print: MBC, fibre count, fibre type, YOAC, production date, cable ID number, meter count

Color code for fibre and tube



Dimension						
Type	Fibre type	Fibre per tube	Tube diameter	Cable diameter	Cable weight	Drum length
MBC 12-72F	G657A1	12	1.5mm	5.6mm	26kg/km	4km
MBC 96F	G657A1	12	1.5mm	6.4mm	34kg/km	4km
MBC 144F	G657A1	12	1.5mm	8mm	53kg/km	4km