

FibreFlow™ Blown Fibre 24f Singlemode



Application

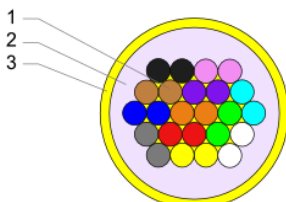
Fibre Unit (FU) with twenty four fibres set in an encapsulating layer providing excellent dimensional and thermal stability. An outer thermoplastic layer provides a high level of protection and excellent installation properties. The FU is designed for blowing into fibreFlow™ microducts and tube bundles. The fibres are dry, not coated with gel, thus permitting fast and contamination –free connections.

The FU contain 'low water peak' single mode fibres meeting the ITU-T recommendation G.657A1,2.

Features

- Designed to be installed by blowing
- Low weight
- Small diameter
- All dielectric design
- Ultra low friction sheath

Properties

Construction 1: Optical fibre 2: Encapsulation 3: Low friction sheath			
Number of fibres	24		
Outer diameter (nominal)	2.1 mm		
Mass (nominal)	2.8 g/m		
Min bend radius	100 mm		
Maximum installation tension	48 N		
Fibre types available	Singlemode compliant with G.657A1,2 (ITU-T)		
Temperatures	Storage	-20°C to +50°C	
	Installation	-10°C to +50°C	
	Lifetime	-20°C to +70°C	
Attenuation at 20°C (dB/km)	0.40 dB/km max at 1310nm to 1625nm 0.30 dB/km max at 1550nm 0.34 dB/km max at 1383nm waterpeak		
PMD _Q (M= 20, Q=0.01%)	≤0.2 ps / (km) ^{0.5}		

IDENTIFICATION

Fibres 1-12

blue, orange, green, red, grey, yellow, brown, violet, black, aqua, pink, white

Fibres 13-24 ring marked (black x 1)

blue, orange, green, red, grey, yellow, brown, violet, natural, aqua, pink, white

Sheath coloured yellow with black print, marked every 1m with

Emtelle – Year – Fibre Count – Fibre Type – Product Code – Batch ID – Meter Mark

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