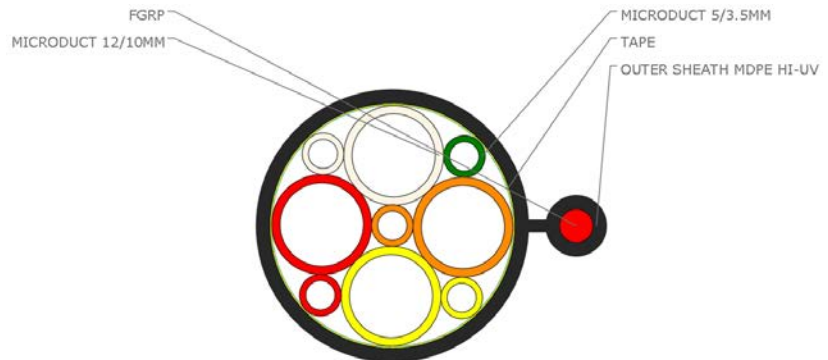


## fibreflow Blown Fibre

### 9-way Figure-8 Overhead (12/10 & 5/3.5) metal-free



*This provisional sheet defines a **proposed** product, that has not been manufactured. We expect to be able to offer this product and that it will exhibit the characteristics listed here. Detail checks may be incomplete at this time, and details may change.*

**PRODUCT DESCRIPTION:** A completely metal-free assembly, comprising four 12mm microducts (m/d) to specification MHT 2100, and five 5mm m/ds to MHT 380, all having low friction performance for fibre blowing. The assembly is surrounded by a tape under the flexible outer sheath 'figure-8' profile incorporating a non-metallic strength member (s/m), and a defined web section between the s/m and the m/d bundle.

Cable 'width':	32.8mm nominal (is a 'diameter' after separation from web)
Profile 'height':	42.8mm nominal (includes strength member portion)
Diameter of upper part:	7mm nom (to fit cable grips – do not use metal-toothed grips)
Primary m/d outer diam:	12.0mm nominal; fits designated push connectors
Primary m/d inner diam:	10.0mm nominal; measured by plug gauge
Primary m/d outer diam:	5.0mm nominal; fits designated push connectors
Primary m/d inner diam:	3.5mm nominal; measured by plug gauge
Strength member:	Glass-reinforced plastic rod, 4mm diameter
Assembly mass:	397g/m nom
Min Bend radius:	500mm (narrow direction)
Deployment:	To standard procedures, or Emtelle guidance. We recommend 50m spans or less
Stringing tension:	To local regulations. We recommend around 1.7kN (170kg)
Rated Cable load:	10kN (1000kg) Note: the cable grips are likely to lose grip at <b>lower than 5kN</b> .
Break Load:	Above 14kN (1.4 ton) Achieving this tension is very unlikely.
Weather Data:	Based on 50m span length: 10mm of Ice causes 406Kg tension (3.98kN) and sag of 1.94m (3.9% of span length).
Sheath removal:	(after slitting web to separate cable from s/m) Outer: using sheath removal tools and pre-installed ripcord. Inner: using pre-installed ripcord

*Note 1: Diameters and thicknesses are measured to nearest 0.1mm.*

*Note 2: 'nominal' data is based on middle-spec, and is for information only, not for inspection purposes.*

*Note 3: Maximum grip loads vary depending on design- It is the customers sole responsibility for the selection of appropriate grips for their network.*

*Note 4: Stringing data above is based on conditions of: 50m pole span, 20°C temperature, no wind, no ice, empty tube bundle.*

*Note 5: Weather data above is based on conditions of: 50m pole span and populated tube bundle.*

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