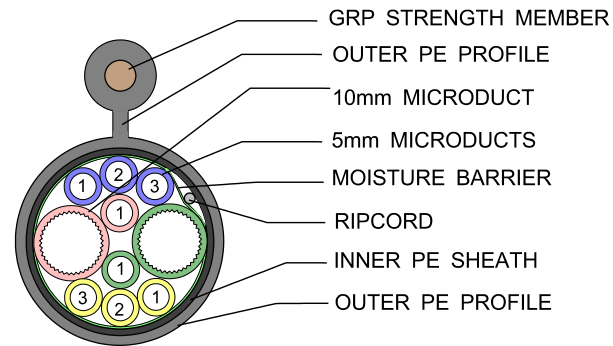


## fibreflow Blown Fibre

### 10-way Figure-8 Overhead (10/8 & 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 two 10mm microducts (m/d) to specification MHT 773, and eight 5mm m/ds to MHT 380, all having low friction performance for fibre blowing. The assembly is surrounded by moisture barrier material under a tough inner PE sheath. The flexible outer sheath 'figure-8' profile incorporates a non-metallic strength member (s/m), and a defined web section between the s/m and the m/d bundle.

Cable 'width':	27.4mm nominal (is a 'diameter' after separation from web)
Profile 'height':	39.4mm nominal (includes strength member portion)
Diameter of upper part:	9mm nom (to fit cable grips – do not use metal-toothed grips)
Primary m/d outer diam:	10.0mm nominal; fits designated push connectors
Primary m/d inner diam:	8.0mm 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:	387g/m nom
Min Bend radius:	450mm (narrow direction)
Deployment:	To standard procedures, or Emtelle guidance. We recommend 40m spans or less
Stringing tension:	To local regulations. We recommend around 1.5/1.7kN (150/170kg) 60mph wind an 10mm ice causes ~5.35kN tension.
Rated Cable load:	10kN (1000kg) Note: the cable grips are likely to lose grip at <b>lower than 5kN</b> .
Break Load:	Above 18kN (1.8 ton) Achieving this tension is very unlikely.
Weather Data:	Based on 50m span length: 10mm of Ice and 60mph wind causes 535Kg tension (5.25kN) and sag of 2.4m (4.7% 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: Weather data above is based on stringing conditions of: 50m pole span, 15°C temperature, no wind, no ice, empty tube bundle.*

\*

CPform2

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