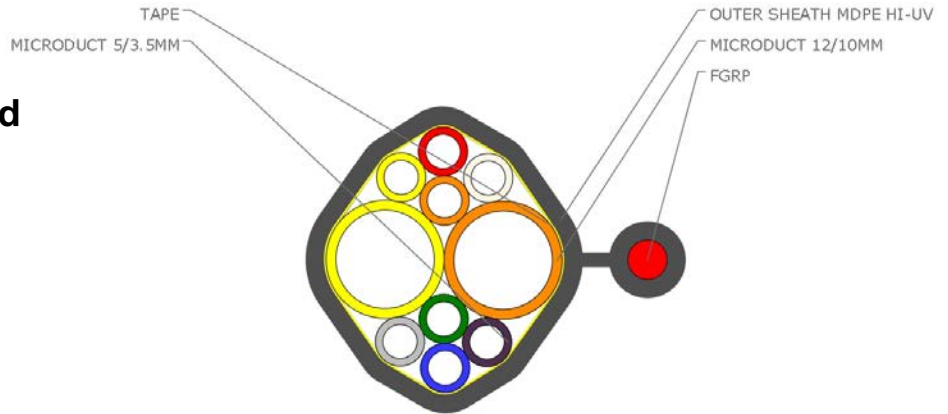


Issue C 24th October 2013

fibreflow Blown Fibre

10-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 two 12mm microducts (m/d) to specification MHT 2100, and eight 5mm m/ds to MHT 380, all having low friction performance for fibre blowing. The assembly is surrounded by a tape under a 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':	31.2mm nominal (is a 'diameter' after separation from web)
Profile 'height':	38.3mm 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:	367g/m nom
Min Bend radius:	500mm (narrow direction)
Deployment:	To standard procedures, or Emtelle guidance.
Max span (pole-pole)	50m (stringing tension may be 140kg)
Stringing tension:	To local regulations. Recommend not exceed 1.4kN (140kg)
Break Load:	14kN (1400kg) approx.
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
Weather Data:	Page 2

This [product specification] is intended as a guide only. Whilst the information it contains is believed to be correct, Emtelle can take no responsibility for actions taken based on the information contained in this document. Emtelle reserves the right to make changes to this document without notice. All sales of product are subject to Emtelle's terms and conditions of sale only, which can be found on Emtelle's website.

This document is protected by copyright (c) Emtelle UK Limited 2009. The products depicted are protected by intellectual property rights. Any unauthorized copying of this document or of our products is prohibited and Emtelle UK Limited will take action to prevent any infringement of its rights and to claim damages for the loss that it suffers.

www.emtelle.com

Reaction to Weather										
Installaton		Add Weather					Result			
Span (m)	Stringing	Stringing Temperature	Ice (mm)	Wind (mph)	Temperature (°C)		Tension (kg)	Sag (m)	Sag (%)	Elongation Comment
50	143	10	0	0	10		143	0.761	1.5	0.23
			0	60	10		371	1.989	4.0	0.59
			5	60	-15		443	2.205	4.4	0.70
			10	0	-15		348	1.866	3.7	0.55

Reaction to Weather										
Installaton		Add Weather					Result			
Span (m)	Stringing	Stringing Temperature	Ice (mm)	Wind (mph)	Temperature (°C)		Tension (kg)	Sag (m)	Sag (%)	Elongation Comment
60	184	10	0	0	10		184	0.901	1.5	0.29
			0	60	10		417	2.401	4.0	0.66
			5	60	-15		501	2.709	4.5	0.79
			10	0	-15		417	2.359	3.9	0.66

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