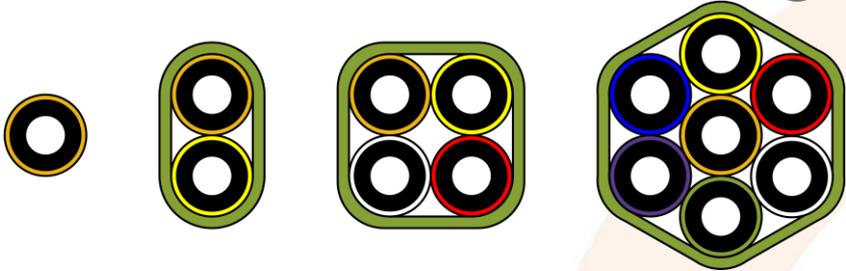




Emtelle UK Ltd.
 Haughhead
 Hawick TD9 8LF
 United Kingdom

info@emtelle.com
 emtelle.com

Product Datasheet MHT 2670
Generic Specification DB metal-free (16/12)



Inner surface:
 Smooth or ribbed + Em-Liner

Colour identification of single ducts:
 Black main body with coloured outer sheath

Other colours upon request

Generic Details: Single Microduct (at 20°C)

Material	Polyethylene RHDPE
Outer diameter	16.0mm
Inner diameter	12.0mm
Mass, nominal	84g/m
Min. bending radius of primary duct*	14D**
Max. pull tension, single duct	750N (75 kg)
Max. Blowing pressure	15 bar

*This radius relates to the microduct capability only and does not indicate a good radius for blowing FU.

**Where D is the outer diameter

1. These m/ds are compatible with designated 16mm push-fit connectors.
2. Max air pressure for blowing: 15bar.

Generic Details: Microduct Bundle

Material	HDPE
Wall thickness	0.7mm nominal
Number single ducts	1-7

This document 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 Group [2024]. 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

Product-Specific Details

Type	Outer Diameter	Mass	Max. Pull Tension* (Installation)	Min. Bend Radius
16/12mm				
Single	16 mm	84 g/m	0.75 kN / 75 kg	224 mm
2-WAY DBMF	33.4 x 17.4 mm	224 g/m	1.8 kN / 180 kg	300 mm
4-WAY DBMF	40.0 mm across corners	449 g/m	3.75 kN / 375 kg	600 mm
7-WAY DBMF	49.4 mm across corners	687 g/m	6.0 kN / 600 kg	950 mm

*After applying pulling tensions, allow time for the pulled product to relax. See instruction manuals.

Sheath Removal: Longitudinal sheath strippers can also be used to strip the sheath.

Radius for blowing: Recommend 1m radius or more (blowing mini-cable)(No smaller than 0.5m radius)

Operating Parameters

Installation temperature	-20°C...+40°C
Transportation and storage temperature	-40°C...+60°C
Operating temperature	-40°C...+60°C

Testing

Crush	IEC 60794-1-2-Method E3	Procedure to IEC 60794-5
Impact	IEC 60794-1-2-Method E4	Procedure to IEC 60794-5
Kink	IEC 60794-1-2-Method E10	Procedure to IEC 60794-5
Bend	IEC 60794-1-2-Method E11	Procedure to IEC 60794-5

This document 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 Group [2024]. 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