



## Product Datasheet MHT 2845 Generic Specification 14/10mm DBRmf



### Product Description

Assemblies of strong polyethylene (PE) microducts (m/d), each with low friction performance. These strong bundles are designed for direct burial in suitably prepared ground and contain a tracer wire for locating purposes.

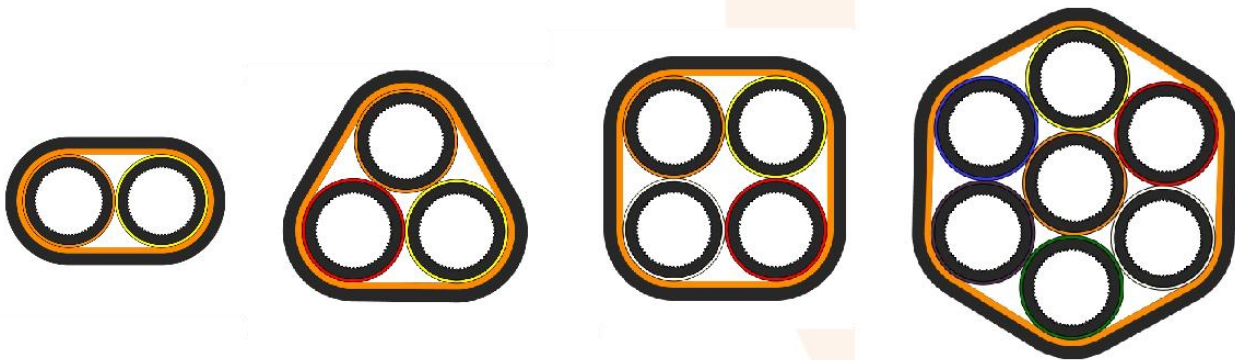
### Product Benefits

Microducts are tested according to IEC 60794-5	Blowing track: up to 2000m, route and fibre/cable dependent	Em-Liner for Low Friction and best blowing results	UV-Protected	Pressure tight up to 15 bar

### Application and Design

#### Inner surface:

Smooth or ribbed + Em-Liner



#### Colour identification of single ducts:

Images above are for illustration purposes only. Sheath and microduct colours to be selected at product set up, translucent with stripes or uni-coloured available.

Other colours upon request

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](http://www.emtelle.com)

**Generic Details: Single Microduct**

Material	Polyethylene HDPE
Outer diameter	14.0 nominal
Inner diameter	10.0 nom
Mass, nominal	72 g/m

**Generic Details: Microduct Bundle**

Inner sheath material	Polypropylene
Inner sheath thickness	1.0mm nominal
Outer sheath material	Hi-UV Polyethylene
Outer sheath thickness	2.0mm nominal
Sheath removal	Using appropriate sheath cutting tool
Number single ducts	2-7

\*Other tracer wires are available and should be selected a product set up

**Product-Specific Details**

Type	Outer Diameter	Mass	Max. Pull Tension (Installation)	Min Bend radius factor xD
<b>14/10mm</b>				
2-WAY DBmf	20.0 x 34.0 mm	373 g/m	3.0 kN / 300 kg	17
3-WAY DBmf	36.2 mm	484 g/m	3.75 kN / 375 kg	17
4-WAY DBmf	39.8 mm	596 g/m	4.75 kN / 475 kg	17
7-WAY DBmf	48.0 mm	890 g/m	7.0 kN / 700 kg	19

**Operating Parameters**

Installation temperature	-20°C...+40°C
Transportation and storage temperature	-40°C...+60°C
Installation + Blowing ideal	+5°C...+20°C

**Testing**

Tensile	IEC 60794-1-2-Method E1	Procedure to IEC 60794-5
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](http://www.emtelle.com)