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Product Datasheet MHT 2840

Generic Specification 16/12 DBR (with tracer wire)

FibreFlow™

Product Description

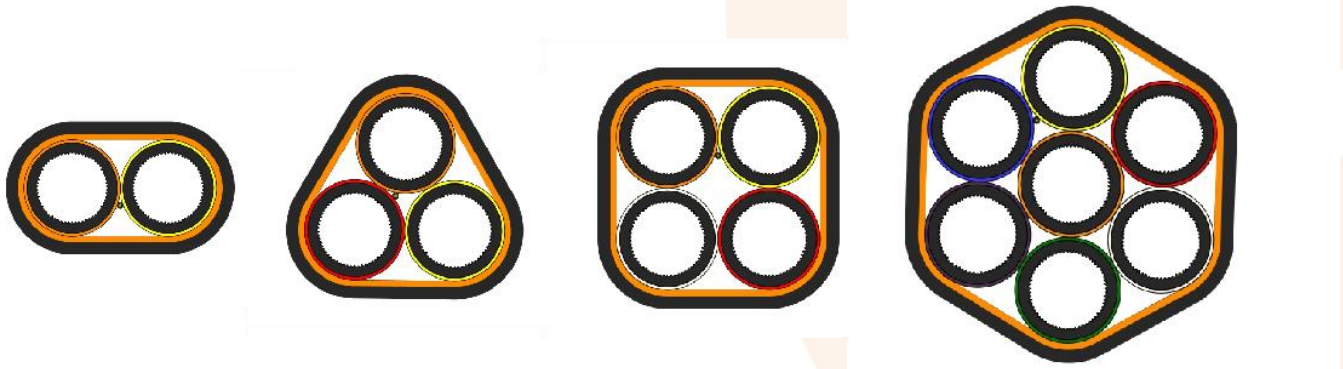
Assemblies of strong polyethylene (PE) microducts (m/d), each with low friction performance.
These strong bundles are designed for direct burial in suitably prepared ground and contain a tracer wire for locating purposes.

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-Protection up to 2 years in EU	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

Tracer wire*	
Sheath material	PVC
Details	0.63mm , 88ohm/km

Generic Details: Single Microduct	
Material	Polyethylene HDPE
Outer diameter	16.0 nominal
Inner diameter	12.0 nom
Mass, nominal	84 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
16/12mm				
2-WAY DBmf	22.0 x 38.0 mm	428 g/m	3.25 kN / 325 kg	17
3-WAY DBmf	40.5 mm	555 g/m	4.25 kN / 425 kg	17
4-WAY DBmf	44.6 mm	686 g/m	5.5 kN / 550 kg	17
7-WAY DBmf	54.0 mm	1029 g/m	8.0 kN / 800 kg	20

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