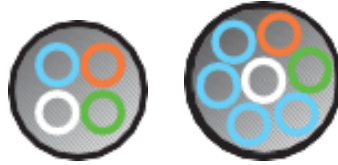




Product Specification: Direct Install Duct Assemblies



Product description

The duct assemblies are available in two versions with 4 and 7 PE sub-ducts. Each micro duct has an outer/inner diameter of 12/10 mm.

The duct assemblies are bundled with a single PP sheath. The design makes the duct assemblies suitable for installation into existing pipes. The round structure enables easy splicing and sealing at joints and branch locations.

Appropriate fibre types

The micro ducts are optimized for best performance in combination with the Hexatronic Viper® micro cables. The 12/10mm assemblies can accommodate 12F, 44F, 48F, 96F, 144F and 192F micro cables.

Marking

The assemblies are marked with; micro duct configuration, Hexatronic, time of manufacturing (year, month, date and hour), product number, arrow marking and length marking. The distance between markings is nominal 1 m.

Marking example: *7x12/10MM HEXATRONIC A35 yymmddtt MPB30292/7 -> xxxxx M*

The individual micro ducts are numbered and identified by their color and position in the bundle.

Ordering Information

type	product number	diameter outer sheath (mm)	weight (g/m)	min bend radius* (mm)	max pulling force**(n)	
4-way	MPB 302 92/4	33.0	310	330	2300	Blue, Orange, Green, Brown
7-way	MPB 302 92/7	40.2	430	400	4400	Blue, Orange, Green, Brown, Grey, White, Red

* Temporarily, unloaded, permanent (one turn) and during installation. The radius relates to tube capability and does not indicate a suitable radius for blowing

** During installation

HEXATRONIC



Ribbonet® Microducts, MPB30245

Typical Data

Temperature range

Operation..... -40 to +60°C
Storage -40 to +60°C
Installation -20 to +50°C

Material

Microducts..... HDPE
Sheath Polypropylene, HDPE*
All materials are halogen-free

Tracer

Yes

Delivery Information

Supplied lengths 1000 m

Conformance

Abrasion IEC 60794-1-2-E2B method 1
Kink..... IEC 60794-1-2-E10, 20 x outer diameter
Impact IEC 60794-1-2-E4
Crush..... IEC 60794-1-2-E3, 450 N
Tensile IEC 60794-1-2-E1
Bend IEC 60794-1-2-E11
Torsion..... IEC 60794-1-2-E7
Flexibility..... IEC 60794-5-20

UV Stability

The PP-sheath is colored black and is light-stabilised.