

Direct buried duct assembly

Micronet micro cable system



Application

Duct assemblies consist of a number of micro ducts with an inner low friction surface that enables air blown installation of fiber optic micro cables.

The duct assemblies have a heavy duty HDPE sheath. This makes the ducts suitable for direct burial without the need for additional protection.

Designs

The duct assemblies are available in three versions with 1, 4 or 7 sub-ducts. Each sub-duct has outer/inner diameter of 10/8 mm, suitable for installation of micro cables such as the Micronet™ micro cable.

Marking

Duct assemblies have markings showing the tube length. The individual duct assemblies are identified by color.

Features

- Heavy-duty design
- Dielectric
- 1, 4 or 7 sub-duct options
- Extremely low friction for maximum installation lengths
- Grooved inner surface for lowest possible friction against cable during installation
- Excellent environmental properties

Typical data

Temperature range

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

Material

Halogen free Polyethylene

Delivery information

Supplied lengths500, 1000 or 2000 m

Order information

Product number	No. of Micro ducts	Diameter [mm]	Weight (g/m)	Min bend radius* (mm)	Max pulling force** (N)
MPB 302 70 / 1	1	16	120	200	2000
MPB 302 70 / 4	4	31	280	310	3200
MPB 302 70 / 7	7	37.6	380	470	4100

* Temporarily, unloaded, permanent (one turn) and under installation

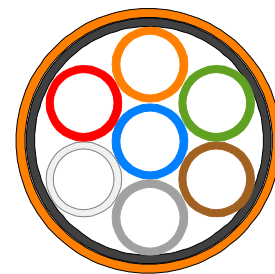
** Under installation



Type 1-way
 Colors blue



 4-way
 Colors blue, orange, green, brown



 7-way
 Colors blue, orange, green, brown, grey, white, red