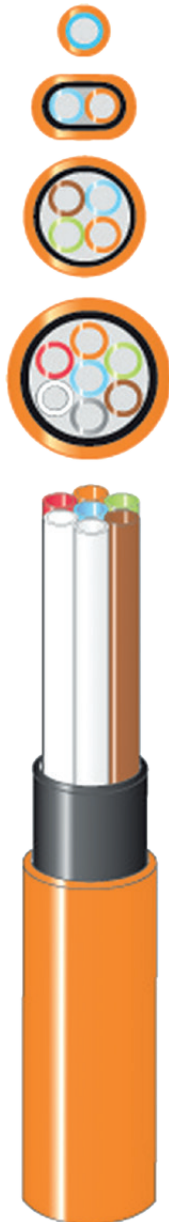


# Micronet Direct Buried Duct Assembly – MPB 302 7

## Microduct Assemblies for Micro Cables



### Features

- Heavy-duty design
- Dielectric
- 1, 2, 4 or 7 sub-duct options
- 10/8 or 12/10 mm microduct system
- Low friction inner surface for maximum installation lengths
- Excellent environmental properties

### Application

The tight protected duct assemblies consist of a number of microducts with an inner low friction surface that enables air-blown installation of fiber optic micro cables.

The duct assemblies have a heavy duty HDPE outer sheath. This makes the ducts suitable for direct burial without the need for additional protection. The ducts are suitable for installation of micro cables such as the Micronet micro cable.

### Design

The duct assemblies are available in three configurations with 1, 2, 4 or 7 microducts and with either 10/8 or 12/10 mm microducts (outer/inner diameter).

### Marking

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



## Micronet Direct Buried Duct Assembly – MPB 302 7

### Typical Data

#### Temperature range

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

#### Material

Micro ducts and outer sheath ..... HDPE  
 Inner sheath ..... Polypropylene  
 All materials are halogen-free

### 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, 15 J  
 Crush ..... IEC 60794-1-2-E3, 2200 N  
 Tensile ..... IEC 60794-1-2-E1  
 Bend ..... IEC 60794-1-2-E11  
 Torsion ..... IEC 60794-1-2-E7  
 Flexibility ..... IEC 60794-1-2-E83

### Delivery Information

Supplied lengths ..... 500, 1000, 2000\* m

\* 2000 m not available for MPB 302 72/7

### Ordering Information

TYPE	PRODUCT NUMBER	OUTER/INNER DIAMETER MICRO-DUCT (MM)	DIAMETER OUTER SHEATH (MM)	WEIGHT (G/M)	MIN BEND RADIUS* (MM)	MAX PULLING FORCE** (N)	MICRODUCT COLORS
1-way 	MPB 302 70/1	10/8	15.0	150	160	900	Blue
	MPB 302 72/1	12/10	17.0	160	180	900	
2-way 	MPB 302 72/2	12/10	19.2 / 31.2	310	180	3500	Blue Orange
4-way assembly 	MPB 302 70/4	10/8	30.5	340	550	4100	Blue Orange Green Brown
	MPB 302 72/4	12/10	36.4	556	600	5700	
7-way assembly 	MPB 302 70/7	10/8	38.4	580	600	7000	Blue Orange Green Brown Grey White Red
	MPB 302 72/7	12/10	44.2	760	800	7900	

\* Temporarily, unloaded, permanent (one turn) and during installation

\*\* During installation