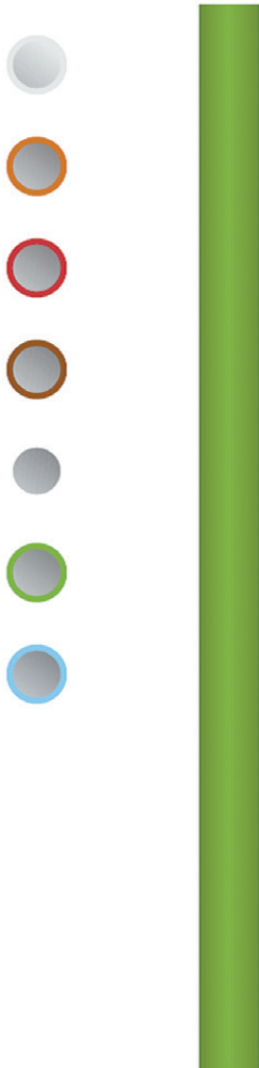


## Micronet Microducts for Duct Installation – MPB 302 60, 62

### Microducts for Micro Cables



#### Features

- Extremely low friction for maximum installation lengths
- Excellent environmental properties

#### Application

Microducts are tubes with an inner low friction surface that enables air blown installation of fiber optic micro cables.

The microducts are intended for installation in existing cable pipes. This enables several sub-ducts to be installed in each cable duct. The sub-ducts can be used for installation of additional cables or be reserved for future upgrades of the network.

#### Design

The microducts have an inner/outer diameter of 10/8 mm or 12/10 mm.



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### Typical Data

#### Temperature range

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

#### Bending radius

Temporarily unloaded  
 10/8 ..... ≥ 100 mm  
 12/10 ..... ≥ 120 mm

Permanently (one turn) and during installation  
 10/8 ..... ≥ 100 mm  
 12/10 ..... ≥ 120 mm

#### Tensile force

During installation  
 10/8 ..... ≤ 420 N  
 12/10 ..... ≤ 650 mm

#### Crush resistance

10/8 ..... ≥ 250 N/100 mm  
 12/10 ..... ≥ 450 N/100 mm

#### Material

Halogen-free ..... Yes

#### Weight, duct

10/8 mm ..... 27 kg/km  
 12/10 mm ..... 42 kg/km

DUCT INNER DIAMETER (MM)	DUCT (MM)	MAXIMUM NO. OF MICRODUCTS
25.4 mm	10/8	3
	12/10	1
31.8 mm	10/8	5
	12/10	3
38.1 mm	10/8	8
	12/10	5
50.8 mm	10/8	10
	12/10	7



### Delivery Information

Supplied lengths ..... 2100 m  
 Drum diameter ..... 1 m

### Ordering Information

MPB 302 60/xx1, MPB 302 62/xx1  
 where xx indicates color code

ORDER NUMBER	DAMETER (MM)	COLOR
PB 302 60 / BN1	10/8	Brown
MPB 302 60 / BU1	10/8	Blue
MPB 302 60 / GN1	10/8	Green
MPB 302 60 / GY1	10/8	Grey
MPB 302 60 / OG1	10/8	Orange
MPB 302 60 / RD1	10/8	Red
MPB 302 60 / WH1	10/8	White
MPB 302 60 / VT1	10/8	Violet
MPB 302 60 / YE1	10/8	Yellow
MPB 302 60 / BK1	10/8	Black
MPB 302 60 / PK1	10/8	Pink
MMPB 302 60 / TQ1	10/8	Turquoise

ORDER NUMBER	DAMETER (MM)	COLOR
MPB 302 62 / BN1	12/10	Brown
MPB 302 62 / BU1	12/10	Blue
MPB 302 62 / GN1	12/10	Green
MPB 302 62 / GY1	12/10	Grey
MPB 302 62 / OG1	12/10	Orange
MPB 302 62 / RD1	12/10	Red
MPB 302 62 / WH1	12/10	White
MPB 302 62 / VT1	12/10	Violet
MPB 302 62 / YE1	12/10	Yellow
MPB 302 62 / BK1	12/10	Black
MPB 302 62 / PK1	12/10	Pink
MPB 302 62 / TQ1	12/10	Turquoise