



# Microduct 16/12 mm

**TWD 16/12 mm Primary Tube, Striped**

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## Features

- For direct burial
- 16/12 mm microducts
- Low friction inner surface
- Longitudinal grooves for maximum installation lengths

## Application

The thick walled microduct are designed with an inner low friction surface that enables installation of micro cables or nano cables. The thick wall of the microducts allow for installation directly into the ground without the need for additional protection.

## Design

16/12 mm microducts are optimized for installation of micro cables and nano cables. The microducts have a low-friction inner surface with longitudinal grooves for best blowing performance.

## Product Information

**Microducts:** HDPE

## Technical Information

<b>Temperature, Operation [°C]</b>	-40 to +60
<b>Temperature, Storage [°C]</b>	-40 to +60
<b>Temperature, Installation [°C]</b>	-20 to +50
<b>Conformance</b>	<p><b>Abrasion:</b> IEC 60794-1-2-E2B(1)</p> <p><b>Kink:</b> IEC 60794-1-2-E10, 20 x outer diameter</p> <p><b>Impact:</b> IEC 60794-1-2-E4</p> <p><b>Crush:</b> IEC 60794-1-2-E3</p> <p><b>Tensile:</b> IEC 60794-1-2-E</p> <p><b>Bend:</b> IEC 60794-1-2-E11A</p> <p><b>Torsion:</b> IEC 60794-1-2-E</p> <p><b>Flexibility:</b> IEC 60794-1-2-E8</p> <p><b>Inner Clearance:</b> IEC 60794-5-20, IEC 60794-5-10, Ann. D</p>
<b>Marking</b>	<p>Microducts have markings showing the type and tube length. The individual microducts are identified by their colors.</p> <p>12 different colors are available: orange, yellow, red, white, green, violet, blue, grey, turquoise, black, brown, pink.</p>

## Articles 38

Article name	EL-No.	Color	Layout	Bend Radius [mm]	Tensile Force [N]	Crush Force [N/100 mm]	Installation [N]	Impact [J]	Dimensions [mm]	Weight [kg/km]	Length [m]
<b>Microduct 16/12 OG1</b> MPB30218/OG1		Orange	16/12	160	790	1500	11	16	100	2000/K12, 1000/K10, 500/K10	
<b>Microduct 16/12.0 OG1 1000 m</b> MPB30218/OG1-1	2800120	Orange	16/12	160	790	1500	11	16	100	1000/K10	
<b>Microduct 16/12.0 OG1 2000 m</b> MPB30218/OG1-3		Orange	16/12	160	790	1500	11	16	100	2000/K12	
<b>Microduct 16/12 YE1</b> MPB30218/YE1		Yellow	16/12	160	790	1500	11	16	100	2000/K12, 1000/K10, 500/K10	
<b>Microduct 16/12.0 YE1 1000 m</b> MPB30218/YE1-1		Yellow	16/12	160	790	1500	11	16	100	1000/K10	
<b>Microduct 16/12.0 YE1 2000 m</b> MPB30218/YE1-3		Yellow	16/12	160	790	1500	11	16	100	2000/K12	
<b>Microduct 16/12 RD1</b> MPB30218/RD1		Red	16/12	160	790	1500	11	16	100	2000/K12, 1000/K10, 500/K10	
<b>Microduct 16/12 RD1</b> MPB30218/RD1		Red	16/12	160	790	1500	11	16	100	2000/K12, 1000/K10, 500/K10	
<b>Microduct 16/12.0 RD1 1000 m</b> MPB30218/RD1-1		Red	16/12	160	790	1500	11	16	100	1000/K10	
<b>Microduct 16/12.0 RD1 1000 m</b> MPB30218/RD1-1		Red	16/12	160	790	1500	11	16	100	1000/K10	
<b>Microduct 16/12.0 RD1 2000 m</b> MPB30218/RD1-3		Red	16/12	160	790	1500	11	16	100	2000/K12	
<b>Microduct 16/12 WH1</b> MPB30218/WH1		White	16/12	160	790	1500	11	16	100	2000/K12, 1000/K10, 500/K10	
<b>Microduct 16/12.0 WH1 1000 m</b> MPB30218/WH1-1		White	16/12	160	790	1500	11	16	100	1000/K10	
<b>Microduct 16/12.0 WH1 2000 m</b> MPB30218/WH1-3		White	16/12	160	790	1500	11	16	100	2000/K12	
<b>Microduct 16/12 GN1</b> MPB30218/GN1		Green	16/12	160	790	1500	11	16	100	2000/E14, 2000/K12, 1000/K10, 500/K10	
<b>Microduct 16/12.0 GN1 1000 m</b> MPB30218/GN1-1		Green	16/12	160	790	1500	11	16	100	1000/K10	
<b>Microduct 16/12.0 GN1 2000 m</b> MPB30218/GN1-3		Green	16/12	160	790	1500	11	16	100	2000/K12	

Article name	EL-No.	Color	Layout	Bend Radius [mm]	Tensile Force, Installation [N]	Crush [N/100 mm]	Impact [J]	Dimensions [mm]	Weight [kg/km]	Length [m]
<b>Microduct 16/12 VT1</b> MPB30218/VT1		Violet	16/12	160	790	1500	11	16	100	2000/K12, 1000/K10, 500/K10
<b>Microduct 16/12.0 VT1 1000 m</b> MPB30218/VT1-1		Violet	16/12	160	790	1500	11	16	100	1000/K10
<b>Microduct 16/12.0 VT1 2000 m</b> MPB30218/VT1-3		Violet	16/12	160	790	1500	11	16	100	2000/K12
<b>Microduct 16/12 BU1</b> MPB30218/BU1		Blue	16/12	160	790	1500	11	16	100	2000/K12, 1000/K10, 500/K10
<b>Microduct 16/12.0 BU1 1000 m</b> MPB30218/BU1-1		Blue	16/12	160	790	1500	11	16	100	1000/K10
<b>Microduct 16/12.0 BU1 2000 m</b> MPB30218/BU1-3		Blue	16/12	160	790	1500	11	16	100	2000/K12
<b>Microduct 16/12 GY1</b> MPB30218/GY1		Gray/Slate	16/12	160	790	1500	11	16	100	2000/K12
<b>Microduct 16/12.0 GY1 1000 m</b> MPB30218/GY1-1		Gray/Slate	16/12	160	790	1500	11	16	100	1000/K10
<b>Microduct 16/12.0 GY1 2000 m</b> MPB30218/GY1-3		Gray/Slate	16/12	160	790	1500	11	16	100	2000/K12
<b>Microduct 16/12 TQ1</b> MPB30218/TQ1		Turquoise/ Aqua	16/12	160	790	1500	11	16	100	2000/K12, 1000/K10, 500/K10
<b>Microduct 16/12.0 TQ1 1000 m</b> MPB30218/TQ1-1		Turquoise/ Aqua	16/12	160	790	1500	11	16	100	1000/K10
<b>Microduct 16/12.0 TQ1 2000 m</b> MPB30218/TQ1-3		Turquoise/ Aqua	16/12	160	790	1500	11	16	100	2000/K12
<b>Microduct 16/12 BK1</b> MPB30218/BK1		Black	16/12	160	790	1500	11	16	100	2000/K12, 1000/K10, 500/K10
<b>Microduct 16/12.0 BK1 1000 m</b> MPB30218/BK1-1		Black	16/12	160	790	1500	11	16	100	1000/K10
<b>Microduct 16/12.0 BK1 3000m</b> MPB30218/BK1-3		Black	16/12	160	790	1500	11	16	100	2000/K12
<b>Microduct 16/12 BN1</b> MPB30218/BN1		Brown	16/12	160	790	1500	11	16	100	2000/K12, 1000/K10, 500/K10
<b>Microduct 16/12.0 BN1 1000 m</b> MPB30218/BN1-1		Brown	16/12	160	790	1500	11	16	100	1000/K10
<b>Microduct 16/12.0 BN1 2000 m</b> MPB30218/BN1-3		Brown	16/12	160	790	1500	11	16	100	2000/K12
<b>Microduct 16/12 PK1</b> MPB30218/PK1		Pink/Rose	16/12	160	790	1500	11	16	100	2000/K12, 1000/K10, 500/K10
<b>Microduct 16/12.0 PK1 1000 m</b> MPB30218/PK1-1		Pink/Rose	16/12	160	790	1500	11	16	100	1000/K10

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Microduct 16/12.0 PK1 2000 m MPB30218/PK1-3		Pink/Rose	16/12	160	790	1500	11	16	100	2000/K12