



Microduct Assembly 20/16 mm

TWD 20/16 mm 2-7 -way S12

Features

- For direct burial
- 2, 4 or 7 bundled ducts
- 20/16 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

The duct assemblies are available in several configurations from 2 to 7 microducts. 20/16 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 and outer sheath: HDPE

Technical Information

Product Color	S12
Temperature, Operation [°C]	-40 to +60
Temperature, Storage [°C]	-40 to +60
Temperature, Installation [°C]	-20 to +50
Conformance	<p>Abrasion: IEC 60794-1-2-E2B(1)</p> <p>Kink: IEC 60794-1-2-E10, 20 x outer diameter</p> <p>Impact: IEC 60794-1-2-E4</p> <p>Crush: IEC 60794-1-2-E3</p> <p>Tensile: IEC 60794-1-2-E</p> <p>Bend: IEC 60794-1-2-E11A</p> <p>Torsion: IEC 60794-1-2-E</p> <p>Flexibility: IEC 60794-1-2-E8</p> <p>Inner Clearance: IEC 60794-5-20, IEC 60794-5-10, Ann. D</p>
Marking	<p>Duct assemblies have markings showing the type and tube length. The individual microducts are identified by their colors (solid colors).</p> <p>12 different colors are used according to the S12 standard.</p> <p>The assemblies are available in various sheath colors for easy identification.</p>

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Article name	Color	Layout	Bend Radius [mm]	Tensile Force [N]	Crush [N/100 mm]	Dimensions [mm]	Weight [kg/km]	Length [m]
Cable duct 2x20/16 S12 OG MPB30257/2M	Orange	2x20/16	220	3000	8000	42 × 22	316	–
Cable duct 2x20/16 S12 OG, 1000 m MPB30257/2M-1	Orange	2x20/16	220	3000	8000	42 × 22	316	1000
Cable duct 4x20/16 S12 OG MPB30257/4M	Orange	4x20/16	420	5300	2500	42 × 42	568	–
Cable duct 7x20/16 S12 OG MPB30257/7M-2	Orange	7x20/16	570	8800	–	56.6 × 62.0	940	500