



Microduct Assembly 14/10 mm with Tracer

TWD 14/10 mm 1-7 -way Tr, TIA598 ft

Features

- For direct burial
- 1, 2, 4 or 7 bundled ducts
- 14/10 mm microducts
- Low friction inner surface
- Longitudinal grooves for maximum installation lengths
- Integrated tracer wire under sheath

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 1 to 7 microducts. 14/10 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

Color Code	S12
Temperature, Operation [°F]	-40 to 140 (-40 to +60°C)
Temperature, Storage [°F]	-40 to 140 (-40 to +60°C)
Temperature, Installation [°F]	-4 to +122 (-20 to +50°C)
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.</p> <p>12 different colors are used according to the TIA598 standard.</p> <p>The assemblies are available in various sheath colors for easy identification.</p>

Articles 4

Article name	Color	Layout	Bend Radius [in]	Tensile Force, Installation [lbs]	Dimensions [in]	Weight [lbs/ft]
Microduct 1x14/10 TIA Tr OG ft MPB302771UV	Orange	1x14/10	–	225	0.61 (15.4mm)	74
Microduct 2x14/10 TIA Tr OG ft MPB302812UV	Orange	2x14/10	9.8	405	0.61x1.16 (15.4 × 29.4)	130
Microduct 4x14/10 DB TIA Tr ft MPB302774UV	Orange	4x14/10	15.7	742	1.16x1.16 (29.4x29.4)	238
Microduct 7x14/10 DB TIA Tr ft MPB302777UV	Orange	7x14/10	21.7	1236	1.56x1.71 (39.6x43.4mm)	395