

Microduct Assembly 10/8 mm

TPD 10/8 mm 1-7 -way StdE

Features

- For direct burial
- 1, 2, 4 or 7 over-sheathed ducts
- 10/8 mm microducts
- Low friction inner surface for maximum installation lengths
- Longitudinal grooves for maximum installation lengths

Application

The tight protected duct assemblies consist of a number of microducts with an inner low friction surface that enables installation of micro cables or nano cables. The duct assemblies are bundled with a single or dual HDPE sheath depending on configuration. The design makes the ducts suitable for installation directly into the ground. The round structure enables easy splicing and sealing at joints and branch locations.

Design

The duct assemblies are available in several versions with 1 to 7 microducts.

10/8 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

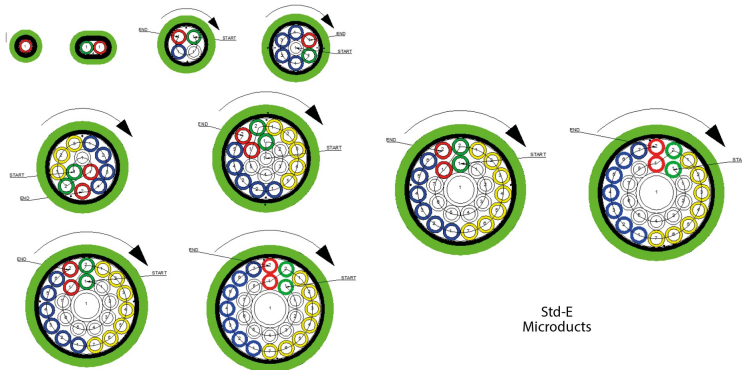
Technical Information

Color Code	STDE
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

Duct assemblies have markings showing the tube length. The individual microducts are numbered and also identified by their color and position in the bundle according to the StdE reference.

Technical Details



StdE Color Code Chart for Microduct Assemblies

Articles 3

Article name	Color	Layout	Bend Radius [mm]	Tensile Force [N]	Crush [N/100 mm]	Impact [J]	Dimensions [mm]	Weight [kg/km]	Length [m]
Microduct 1x10/8 DB MPB30270/1	Orange	1x10/8	150	—	—	—	16	146	500/K8, 2000/K12, 1000/K10
Microduct 4x10/8 DB MPB30270/4	Orange	4x10/8	400	1500	3000	10	30.8	240	500/K14, 1000/K18, 2000/K24
Microduct 7x10/8 DB MPB30270/7	Orange	7x10/8	600	7000	—	—	38.3	575	500/K20, 1000/K22, 2000/K24/1300