Microduct Assembly 12/10 mm

TPD 12/10 mm 1-7 -way S12

Features

- For installation in existing ducts
- 1, 2, 4 or 7 over-sheathed ducts
- 12/10 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 HDPE sheath. The design makes the duct assemblies especially suitable for installation into narrow existing ducts (pipes) or pipes occupied with cables or other obstacles. The round structure enables easy splicing and sealing at joints and branch locations. The microducts are optimized for best performance in combination with the Hexatronic Viper Micro Cable and Hexatronic Raptor Nano Cables.

Design

The duct assemblies are available in several versions with 1 to 7 microducts.
12/10 mm microducts are optimized for installation of micro cables and nano cables. The microducts have a low-friction innner surface with longitudinal grooves for best blowing performance.

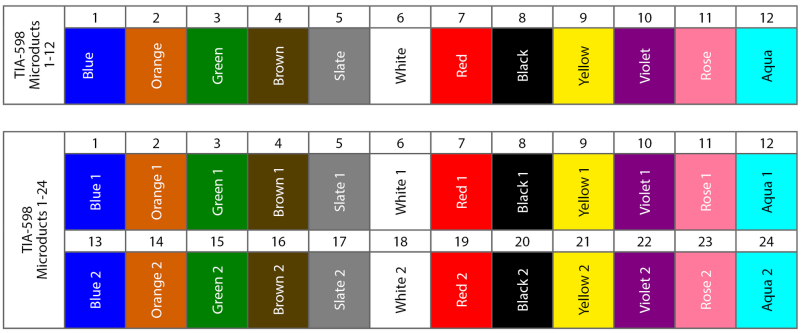
Product Information

Microducts and outer sheath: HDPE

Technical Information

Color Code	S12
Temperature, Operation [°C]	-40 to +60
Temperature, Storage [°C]	-40 to +60
Temperature, Installation [°C]	-20 to +50
Conformance	**Abrasion**: IEC 60794-1-2-E2B(1) **Kink**: IEC 60794-1-2-E10, 20 x outer diameter **Impact**: IEC 60794-1-2-E4 **Crush**: IEC 60794-1-2-E3 **Tensile**: IEC 60794-1-2-E **Bend**: IEC 60794-1-2-E11A **Torsion**: IEC 60794-1-2-E **Flexibility**: IEC 60794-1-2-E8 **Inner Clearance**: IEC 60794-5-20, IEC 60794-5-10, Ann. D
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 S12 standard.

Technical Details



TIA 598 Color Code Chart for Microduct Assemblies

Articles 2

Article name	Color	Layout	Bend Radius [mm]	Tensile Force, Installation [N]	Crush [N/100 mm]	Impact [J]	Dimensions [mm]	Weight [kg/km]	Length [m]
Microduct 4x12/10 DI S12 BK MPB30292/4M	Black	4x12/10	330	2300	1000	3	33	310	–
Microduct 7x12/10 DI S12 BK MPB30292/7M	Black	7x12/10	400	4400	1000	3	40.2	430	1000/K22

