

Microduct Assembly 20/16 mm

TWD 20/16 mm 2-4 way TIA598

Features

- For direct burial or installation into existing conduits
- 2 or 4 bundled ducts
- 20/16 mm microducts
- Low friction inner surface
- Longitudinal grooves for maximum installation lengths

Application

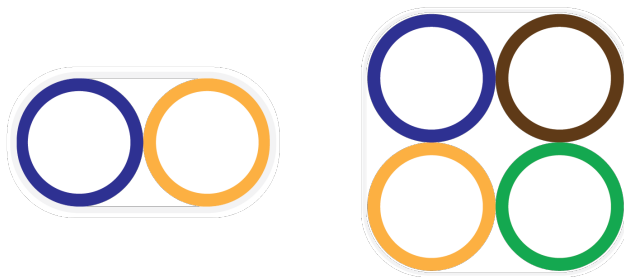
The thick walled microduct are designed with an inner low friction surface that enables blowing of micro cables. These microducts are also suitable for pushing or hauling cables. The thick wall of the microducts allow for installation directly into the ground or into existing ducts without the need for additional protection. Where optioned, the integrated tracer wire saves time and installation cost since an additional wire for tracing is not required.

Design

The duct assemblies are available with 2 or 4 microducts.

20/16 mm microducts are optimized for installation of micro cables. The microducts have a low-friction inner surface with longitudinal grooves for best blowing performance.

Product Information



Microducts and outer sheath: HDPE

Tracer wire: 24 AWG Tinned Copper (optional)

Technical Information

Product Color	White
Color Code	TIA598
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 identified by their colours according to the TIA standard.
 The assemblies come with a white outer sheath, or with a customised outer sheath colour by special order.

Technical Details

TIA-598 Microducts 1-24	1	2	3	4	5	6	7	8	9	10	11	12
	Blue 1	Orange 1	Green 1	Brown 1	Slate 1	White 1	Red 1	Black 1	Yellow 1	Violet 1	Rose 1	Aqua 1
	13	14	15	16	17	18	19	20	21	22	23	24
	Blue 2	Orange 2	Green 2	Brown 2	Slate 2	White 2	Red 2	Black 2	Yellow 2	Violet 2	Rose 2	Aqua 2

TIA 598 Color Code Chart for Microduct Assemblies

Articles 4

Article name	Color	Layout	Bend Radius [mm]	Tensile Force, Installation [N]	Dimensions [mm]	Weight [kg/km]
Microduct 2x20/16 TWD TIA 5/MPB30257/2B	White	2x20/16	440	3000	42 × 22	316
Microduct 4x20/16 TWD TIA 5/MPB30257/4B	White	4x20/16	840	5300	42 × 42	568
Microduct 2x20/16 TWD TIA Tracer 5/MPB30257/2V	White	2x20/16	440	3000	42 × 22	316
Microduct 4x20/16 TWD TIA Tracer 5/MPB30257/4V	White	4x20/16	840	5300	42 × 42	568