



Microduct 16/12 mm

TWD 16/12 mm Primary Tube, ft

Features

- For direct burial
- 16/12 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 inner wall of the microducts allow for installation directly into the ground without the need for additional protection.

Design

16/12 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: HDPE

Technical Information

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 Repeated bending: IEC 60794-1 2-E6 Inner clearance: IEC 60794-5-10, Ann. D

Marking	<p>The microducts have markings showing the type and tube length in feet. The individual microducts are identified by their colors.</p> <p>12 different colors are available: orange, yellow, red, white, green, violet, blue, grey/slate, turquoise/aqua, black, brown, pink/rose.</p>
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Technical Details

TIA-598 Microducts 1-12	1	2	3	4	5	6	7	8	9	10	11	12
	Blue	Orange	Green	Brown	Slate	White	Red	Black	Yellow	Violet	Rose	Aqua

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

Articles 12

Article name	Color	Layout	Bend Radius [mm]	Tensile Force, Installation [N]	Crush [N/100 mm]	Impact [J]	Dimensions [mm]	Weight [kg/km]
Microduct 16/12 OD Blue MPB30297/BU1U	Blue	16/12	160	790	1500	11	16	84
Microduct 16/12 OD Orange MPB30297/OG1U	Orange	16/12	160	790	1500	11	16	84
Microduct 16/12 OD Green MPB30297/GN1U	Green	16/12	160	790	1500	11	16	84
Microduct 16/12 OD Brown MPB30297/BN1U	Brown	16/12	160	790	1500	11	16	84
Microduct 16/12 OD Gray/Slate MPB30297/GY1U	Gray/Slate	16/12	160	790	1500	11	16	84
Microduct 16/12 OD White MPB30297/WH1U	White	16/12	160	790	1500	11	16	84
Microduct 16/12 OD Red MPB30297/RD1U	Red	16/12	160	790	1500	11	16	84
Microduct 16/12 OD Black MPB30297/BK1U	Black	16/12	160	790	1500	11	16	84
Microduct 16/12 OD Yellow MPB30297/YE1U	Yellow	16/12	160	790	1500	11	16	84
Microduct 16/12 OD Violet MPB30297/VT1U	Violet	16/12	160	790	1500	11	16	84
Microduct 16/12 OD Pink/Rose MPB30297/PK1U	Pink/Rose	16/12	160	790	1500	11	16	84
Microduct 16/12 OD Turquoise/Aqua MPB30297/TQ1U	Turquoise/ Aqua	16/12	160	790	1500	11	16	84