



Microduct 20/16 mm

TWD 20/16 mm Primary Tube, ft

Features

- For direct burial
- 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 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

20/16 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 [°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>Repeated bending: IEC 60794-1 2-E6</p> <p>Inner clearance: IEC 60794-5-10, Ann. D</p>

Marking

The microducts have markings showing the type and tube length in feet. The individual microducts are identified by their colors.

12 different colors are available: orange, yellow, red, white, green, violet, blue, grey/slate, turquoise/aqua, black, brown, pink/rose.

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 [in]	Tensile Force, Installation [lbs]	Weight [lbs/ft]
Microduct 20/16 OD Blue MPB30257/BU1U	Blue	20/16	7.9	225	73
Microduct 20/16 OD Orange MPB30257/OG1U	Orange	20/16	7.9	225	73
Microduct 20/16 OD Green MPB30257/GN1U	Green	20/16	7.9	225	73
Microduct 20/16 OD Brown MPB30257/BN1U	Brown	20/16	7.9	225	73
Microduct 20/16 OD Gray/Slate MPB30257/GY1U	Gray/Slate	20/16	7.9	225	73
Microduct 20/16 OD White MPB30257/WH1U	White	20/16	7.9	225	73
Microduct 20/16 OD Red MPB30257/RD1U	Red	20/16	7.9	225	73
Microduct 20/16 OD Black MPB30257/BK1U	Black	20/16	7.9	225	73
Microduct 20/16 OD Yellow MPB30257/YE1U	Yellow	20/16	7.9	225	73
Microduct 20/16 OD Violet MPB30257/VT1U	Violet	20/16	7.9	225	73
Microduct 20/16 OD Pink/Rose MPB30257/PK1U	Flnk/Rose	20/16	7.9	225	73
Microduct 20/16 OD Turquoise/Aqua MPB30257/TQ1U	Turquoise/ Aqua	20/16	7.9	225	73