



# Microduct 16/12 mm

TWD 16/12 mm Primary Tube, ft

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## 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

<b>Color Code</b>	TIA598
<b>Temperature, Operation [°F]</b>	-40 to 140 (-40 to +60°C)
<b>Temperature, Storage [°F]</b>	-40 to 140 (-40 to +60°C)
<b>Temperature, Installation [°F]</b>	-4 to +122 (-20 to +50°C)
<b>Conformance</b>	<p><b>Abrasion:</b> IEC 60794-1-2-E2B(1)</p> <p><b>Kink:</b> IEC 60794-1-2-E10, 20 x outer diameter</p> <p><b>Impact:</b> IEC 60794-1 2-E4</p> <p><b>Crush:</b> IEC 60794-1 2-E3</p> <p><b>Tensile:</b> IEC 60794-1-2-E</p> <p><b>Bend:</b> IEC 60794-1-2-E11A</p> <p><b>Torsion:</b> IEC 60794-1-2-E</p> <p><b>Repeated bending:</b> IEC 60794-1 2-E6</p> <p><b>Inner clearance:</b> 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]
<b>Microduct 16/12 OD Blue</b> MPB30297/BU1U	Black	16/12	6.3	178	56
<b>Microduct 16/12 OD Orange</b> MPB30297/OG1U	Orange	16/12	6.3	178	56
<b>Microduct 16/12 OD Green</b> MPB30297/GN1U	Green	16/12	6.3	178	56
<b>Microduct 16/12 OD Brown</b> MPB30297/BN1U	Brown	16/12	6.3	178	56
<b>Microduct 16/12 OD Gray/Slate</b> MPB30297/GY1U	Gray/Slate	16/12	6.3	178	56
<b>Microduct 16/12 OD White</b> MPB30297/WH1U	White	16/12	6.3	178	56
<b>Microduct 16/12 OD Red</b> MPB30297/RD1U	Red	16/12	6.3	178	56
<b>Microduct 16/12 OD Black</b> MPB30297/BK1U	Black	16/12	6.3	178	56
<b>Microduct 16/12 OD Yellow</b> MPB30297/YE1U	Yellow	16/12	6.3	178	56
<b>Microduct 16/12 OD Violet</b> MPB30297/VT1U	Violet	16/12	6.3	178	56
<b>Microduct 16/12 OD Pink/Rose</b> MPB30297/PK1U	Pnk/Rose	16/12	6.3	178	56
<b>Microduct 16/12 OD Turquoise/Aqua</b> MPB30297/TQ1U	Turquoise/ Aqua	16/12	6.3	178	56