



# 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

<b>Color Code</b>	TIA598
<b>Temperature, Operation [°C]</b>	-40 to +60
<b>Temperature, Storage [°C]</b>	-40 to +60
<b>Temperature, Installation [°C]</b>	-20 to +50
<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 [mm]	Tensile Force, Installation [N]	Crush [N/100 mm]	Impact [J]	Dimensions [mm]	Weight [kg/km]
<b>Microduct 20/16 OD Blue</b> MPB30257/BU1U	Blue	20/16	200	1000	1000	11	20	108
<b>Microduct 20/16 OD Orange</b> MPB30257/OG1U	Orange	20/16	200	1000	1000	11	20	108
<b>Microduct 20/16 OD Green</b> MPB30257/GN1U	Green	20/16	200	1000	1000	11	20	108
<b>Microduct 20/16 OD Brown</b> MPB30257/BN1U	Brown	20/16	200	1000	1000	11	20	108
<b>Microduct 20/16 OD Gray/Slate</b> MPB30257/GY1U	Gray/Slate	20/16	200	1000	1000	11	20	108
<b>Microduct 20/16 OD White</b> MPB30257/WH1U	White	20/16	200	1000	1000	11	20	108
<b>Microduct 20/16 OD Red</b> MPB30257/RD1U	Red	20/16	200	1000	1000	11	20	108
<b>Microduct 20/16 OD Black</b> MPB30257/BK1U	Black	20/16	200	1000	1000	11	20	108
<b>Microduct 20/16 OD Yellow</b> MPB30257/YE1U	Yellow	20/16	200	1000	1000	11	20	108
<b>Microduct 20/16 OD Violet</b> MPB30257/VT1U	Violet	20/16	200	1000	1000	11	20	108
<b>Microduct 20/16 OD Pink/Rose</b> MPB30257/PK1U	Pnk/Rose	20/16	200	1000	1000	11	20	108
<b>Microduct 20/16 OD Turquoise/Aqua</b> MPB30257/TQ1U	Turquoise/ Aqua	20/16	200	1000	1000	11	20	108