



# Microduct 10/6 mm

## TWD 10/6 mm Primary Tube, Striped

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### Features

- Easy to branch out and splice
- Heavy-duty design
- 10/6 mm microducts
- Low friction ribbed inner surface for maximum installation lengths

## Application

The thick-walled microducts have an inner low friction surface that enables installation of nano cables or fiber optic micro cables. The thick inner wall of the microducts allow for installation directly into the ground without the need for additional protection. The microducts are optimized for best performance in combination with the Hexatronic Raptor and Viper air-blown cabling systems.

## Design

The microducts have an outer/inner diameter of 10/6 mm. All microducts have two colored stripes.

## Product Information

Micro ducts are made of Polyethylene (HDPE)

All materials are halogen free.

## Technical Information

<b>Product Color</b>	12 different colors are available: red, green, blue, yellow, white, grey, brown, violet, turquoise, black, orange and pink.
<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>
<b>Ordering Information</b>	Supplied lengths: 1000 m

## Articles 36

Article name	Color	Layout	Bend Radius [mm]	Tensile Force [N]	Crush Force, Installation [N]	Impact [J]	Dimensions [mm]	Weight [kg/km]	Length [m]
<b>Microduct 10/6 Outdoor Red 1</b> 5/MPB30265/RD1	Red	10/6	100	450	3000	5	10	50	2000/K9, 1000/K8, 500/K6
<b>Microduct 10/6 Outdoor RD1 1000m</b> 5/MPB30265/RD1-1	Red	10/6	100	450	3000	5	10	50	—
<b>Microduct 10/6 Outdoor RD1 500m</b> 5/MPB30265/RD1-2	Red	10/6	100	450	3000	5	10	50	—
<b>Microduct 10/6 Outdoor Green 2</b> 5/MPB30265/GN2	Green	10/6	100	450	3000	5	10	50	—
<b>Microduct 10/6 Outdoor GN2 1000m</b> 5/MPB30265/GN2-1	Green	10/6	100	450	3000	5	10	50	—
<b>Microduct 10/6 Outdoor GN2 500m</b> 5/MPB30265/GN2-2	Green	10/6	100	450	3000	5	10	50	—
<b>Microduct 10/6 Outdoor Blue 3</b> 5/MPB30265/BU3	Blue	10/6	100	450	3000	5	10	50	—
<b>Microduct 10/6 Outdoor BU3 1000m</b> 5/MPB30265/BU3-1	Blue	10/6	100	450	3000	5	10	50	—
<b>Microduct 10/6 Outdoor BU3 500m</b> 5/MPB30265/BU3-2	Blue	10/6	100	450	3000	5	10	50	—
<b>Microduct 10/6 Outdoor Yellow 4</b> 5/MPB30265/YE4	Yellow	10/6	100	450	3000	5	10	50	—
<b>Microduct 10/6 Outdoor YE4 1000m</b> 5/MPB30265/YE4-1	Yellow	10/6	100	450	3000	5	10	50	—
<b>Microduct 10/6 Outdoor YE4 500m</b> 5/MPB30265/YE4-2	Yellow	10/6	100	450	3000	5	10	50	—
<b>Microduct 10/6 Outdoor White 5</b> 5/MPB30265/WH5	White	10/6	100	450	3000	5	10	50	—
<b>Microduct 10/6 Outdoor WH5 1000m</b> 5/MPB30265/WH5-1	White	10/6	100	450	3000	5	10	50	—
<b>Microduct 10/6 Outdoor WH5 500m</b> 5/MPB30265/WH5-2	White	10/6	100	450	3000	5	10	50	—
<b>Microduct 10/6 Outdoor Grey 6</b> 5/MPB30265/GY6	Gray/Slate	10/6	100	450	3000	5	10	50	—
<b>Microduct 10/6 Outdoor GY6 1000m</b> 5/MPB30265/GY6-1	Gray/Slate	10/6	100	450	3000	5	10	50	—
<b>Microduct 10/6 Outdoor GY6 500m</b> 5/MPB30265/GY6-2	Gray/Slate	10/6	100	450	3000	5	10	50	—
<b>Microduct 10/6 Outdoor Brown 7</b> 5/MPB30265/BN7	Brown	10/6	100	450	3000	5	10	50	—
<b>Microduct 10/6 Outdoor BN7 1000m</b> 5/MPB30265/BN7-1	Brown	10/6	100	450	3000	5	10	50	—
<b>Microduct 10/6 Outdoor BN7 500m</b> 5/MPB30265/BN7-2	Brown	10/6	100	450	3000	5	10	50	—

Article name	Color	Layout	Bend Radius [mm]	Tensile Force [N]	Crush Force [N/100 mm]	Installation [N]	Impact [J]	Dimensions [mm]	Weight [kg/km]	Length [m]
<b>Microduct 10/6 Outdoor Violet 8</b> 5/MPB30265/VT8	Violet	10/6	100	450	3000	5	10	50	—	
<b>Microduct 10/6 Outdoor VT8 1000m</b> 5/MPB30265/VT8-1	Violet	10/6	100	450	3000	5	10	50	—	
<b>Microduct 10/6 Outdoor VT8 500m</b> 5/MPB30265/VT8-2	Violet	10/6	100	450	3000	5	10	50	—	
<b>Microduct 10/6 Outdoor Turquoise 9</b> 5/MPB30265/TQ9	Turquoise/ Aqua	10/6	100	450	3000	5	10	50	—	
<b>Microduct 10/6 Outdoor TQ9 1000m</b> 5/MPB30265/TQ9-1	Turquoise/ Aqua	10/6	100	450	3000	5	10	50	—	
<b>Microduct 10/6 Outdoor TQ9 500m</b> 5/MPB30265/TQ9-2	Turquoise/ Aqua	10/6	100	450	3000	5	10	50	—	
<b>Microduct 10/6 Outdoor Black 10</b> 5/MPB30265/BK10	Black	10/6	100	450	3000	5	10	50	—	
<b>Microduct 10/6 Outdoor BK10 1000 m</b> 5/MPB30265BK10-1	Black	10/6	100	450	3000	5	10	50	—	
<b>Microduct 10/6 Outdoor BK10 500 m</b> 5/MPB30265BK10-2	Black	10/6	100	450	3000	5	10	50	—	
<b>Microduct 10/6 Outdoor Pink 12</b> 5/MPB30265/PK12	Pink/Rose	10/6	100	450	3000	5	10	50	—	
<b>Microduct 10/6 Outdoor PK12 500 m</b> 5/MPB30265PK12-2	Pink/Rose	10/6	100	450	3000	5	10	50	—	
<b>Microduct 10/6 Outdoor PK12 1000 m</b> 5/MPB30265PK12-1	Pink/Rose	10/6	100	450	3000	5	10	50	—	
<b>Microduct 10/6 Outdoor Orange 11</b> 5/MPB30265/OG11	Orange	10/6	100	450	3000	5	10	50	—	
<b>Microduct 10/6 Outdoor OG11 1000 m</b> 5/MPB30265OG11-1	Orange	10/6	100	450	3000	5	10	50	—	
<b>Microduct 10/6 Outdoor OG11 500 m</b> 5/MPB30265OG11-2	Orange	10/6	100	450	3000	5	10	50	—	