



Microduct 7/3.5 mm

TWD 7/3.5 mm Primary Tube

Features

- For direct burial
- 7/3.5 mm microducts
- Low friction inner surface

Application

The thick walled microduct are designed with an inner low friction surface that enables installation of air-blown fiber units or nano cables. The thick inner wall of the microducts allow for installation directly into the ground without the need for additional protection.

Design

7/3.5 microducts are optimized for installation of air-blown fibers and nano cables. The microducts have a solid low-friction inner surface for best blowing performance.

Product Information

Microducts: HDPE

Technical Information

Temperature, Operation [°C]	-40 to +60
Temperature, Storage [°C]	-40 to +60
Temperature, Installation [°C]	-20 to +50
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>Flexibility: IEC 60794-1-2-E8</p> <p>Inner Clearance: IEC 60794-5-20, IEC 60794-5-10, Ann. D</p>
Marking	<p>Microducts have markings showing the type and tube length. The individual microducts are identified by their colors.</p> <p>12 different colors are available: orange, yellow, red, white, green, violet, blue, grey, turquoise, black, brown, pink.</p>

Articles

Article name	Color	Layout	Bend Radius [mm]	Tensile Force, Installation [N]	Crush [N/100 mm]	Impact [J]	Dimensions [mm]	Weight [kg/km]	Length [m]
Microduct 7/3.5 OD Black 1 MPB30284/BK1	Black	7/3.5	70	250	4000	4	7 29	2000/K7, 500/K4, 1000/K6	
Microduct 7/3.5 BK1 100m MPB30284/BK1-10	Black	7/3.5	70	250	4000	4	7 29	–	
Microduct 7/3.5 BK1 500 m MPB30284/BK1-2	Black	7/3.5	70	250	4000	4	7 29	–	
Microduct 7/3.5 BK1 1000 m MPB30284/BK1-1	Black	7/3.5	70	250	4000	4	7 29	1000/K6	
Microduct 7/3.5 OD Brown 1 MPB30284/BN1	Brown	7/3.5	70	250	4000	4	7 29	2000/K7, 500/K4, 1000/K6	
Microduct 7/3.5 BN1 100m MPB30284/BN1-10	Brown	7/3.5	70	250	4000	4	7 29	–	
Microduct 7/3.5 BN1 500 m MPB30284/BN1-2	Brown	7/3.5	70	250	4000	4	7 29	500/K4	
Microduct 7/3.5 BN1 1000 m MPB30284/BN1-1	Brown	7/3.5	70	250	4000	4	7 29	1000/K6	
Microduct 7/3.5 OD Blue 1 MPB30284/BU1	Blue	7/3.5	70	250	4000	4	7 29	500/K4, 2000/K7, 1000/K6	
Microduct 7/3.5 BU1 100m MPB30284/BU1-10	Blue	7/3.5	70	250	4000	4	7 29	–	
Microduct 7/3.5 BU1 500 m MPB30284/BU1-2	Blue	7/3.5	70	250	4000	4	7 29	500/K4	
Microduct 7/3.5 BU1 1000 m MPB30284/BU1-1	Blue	7/3.5	70	250	4000	4	7 29	1000/K6	
Microduct 7/3.5 OD Green 1 MPB30284/GN1	Green	7/3.5	70	250	4000	4	7 29	2000/K7, 500/K4, 1000/K6	
Microduct 7/3.5 GN1 100m MPB30284/GN1-10	Green	7/3.5	70	250	4000	4	7 29	–	
Microduct 7/3.5 GN1 500 m MPB30284/GN1-2	Green	7/3.5	70	250	4000	4	7 29	500/K4	
Microduct 7/3.5 GN1 1000 m MPB30284/GN1-1	Green	7/3.5	70	250	4000	4	7 29	1000/K6	
Microduct 7/3.5 OD Grey 1 MPB30284/GY1	Gray/Slate	7/3.5	70	250	4000	4	7 29	2000/K7, 500/K4, 1000/K6	
Microduct 7/3.5 GY1 100m MPB30284/GY1-10	Gray/Slate	7/3.5	70	250	4000	4	7 29	–	

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Microduct 7/3.5 GY1 500 m MPB30284/GY1-2	Gray/Slate	7/3.5	70	250	4000	4	7	29	–
Microduct 7/3.5 GY1 1000 m MPB30284/GY1-1	Gray/Slate	7/3.5	70	250	4000	4	7	29	1000/K6
Microduct 7/3.5 OD Orange 1 MPB30284/OG1	Orange	7/3.5	70	250	4000	4	7	29	2000/K7, 500/K4, 1000/K6
Microduct 7/3.5 OG1 100m MPB30284/OG1-10	Orange	7/3.5	70	250	4000	4	7	29	–
Microduct 7/3.5 OG1 500 m MPB30284/OG1-2	Orange	7/3.5	70	250	4000	4	7	29	500/K4
Microduct 7/3.5 OG1 1000 m MPB30284/OG1-1	Orange	7/3.5	70	250	4000	4	7	29	1000/K6
Microduct 7/3.5 OD Pink 1 MPB30284/PK1	Pink/Rose	7/3.5	70	250	4000	4	7	29	2000/K7, 500/K4, 1000/K6
Microduct 7/3.5 PK1 100m MPB30284/PK1-10	Pink/Rose	7/3.5	70	250	4000	4	7	29	–
Microduct 7/3.5 PK1 500 m MPB30284/PK1-2	Pink/Rose	7/3.5	70	250	4000	4	7	29	500/K4
Microduct 7/3.5 PK1 1000 m MPB30284/PK1-1	Pink/Rose	7/3.5	70	250	4000	4	7	29	1000/K6
Microduct 7/3.5 OD Red 1 MPB30284/RD1	Red	7/3.5	70	250	4000	4	7	29	2000/K7, 500/K4, 1000/K6
Microduct 7/3.5 RD1 100m MPB30284/RD1-10	Red	7/3.5	70	250	4000	4	7	29	–
Microduct 7/3.5 RD1 500 m MPB30284/RD1-2	Red	7/3.5	70	250	4000	4	7	29	500/K4
Microduct 7/3.5 RD1 1000 m MPB30284/RD1-1	Red	7/3.5	70	250	4000	4	7	29	1000/K6
Microduct 7/3.5 OD Turquoise 1 MPB30284/TQ1	Turquoise/ Aqua	7/3.5	70	250	4000	4	7	29	2000/K7, 500/K4, 1000/K6
Microduct 7/3.5 TQ1 100m MPB30284/TQ1-10	Turquoise/ Aqua	7/3.5	70	250	4000	4	7	29	–
Microduct 7/3.5 TQ1 500 m MPB30284/TQ1-2	Turquoise/ Aqua	7/3.5	70	250	4000	4	7	29	500/K4
Microduct 7/3.5 TQ1 1000 m MPB30284/TQ1-1	Turquoise/ Aqua	7/3.5	70	250	4000	4	7	29	1000/K6

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Microduct 7/3.5 OD White 1 MPB30284/WH1	White	7/3.5	70	250	4000	4	7	29	2000/K7, 500/K4, 1000/K6
Microduct 7/3.5 WH1 100m MPB30284/WH1-10	White	7/3.5	70	250	4000	4	7	29	–
Microduct 7/3.5 WH1 500 m MPB30284/WH1-2	White	7/3.5	70	250	4000	4	7	29	500/K4
Microduct 7/3.5 WH1 1000 m MPB30284/WH1-1	White	7/3.5	70	250	4000	4	7	29	1000/K6
Microduct 7/3.5 OD Violet 1 MPB30284/VT1	Violet	7/3.5	70	250	4000	4	7	29	2000/K7, 500/K4, 1000/K6
Microduct 7/3.5 VT1 100m MPB30284/VT1-10	Violet	7/3.5	70	250	4000	4	7	29	–
Microduct 7/3.5 VT1 500 m MPB30284/VT1-2	Violet	7/3.5	70	250	4000	4	7	29	500/K4
Microduct 7/3.5 VT1 1000 m MPB30284/VT1-1	Violet	7/3.5	70	250	4000	4	7	29	1000/K6
Microduct 7/3.5 OD Yellow 1 MPB30284/YE1	Yellow	7/3.5	70	250	4000	4	7	29	2000/K7, 500/K4, 1000/K6
Microduct 7/3.5 YE1 100m MPB30284/YE1-10	Yellow	7/3.5	70	250	4000	4	7	29	–
Microduct 7/3.5 YE1 500 m MPB30284/YE1-2	Yellow	7/3.5	70	250	4000	4	7	29	500/K4
Microduct 7/3.5 YE1 1000 m MPB30284/YE1-1	Yellow	7/3.5	70	250	4000	4	7	29	1000/K6