



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>

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Article name	EL-No.	Color	Layout	Bend Radius [mm]	Tensile Force [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	100/Box
Microduct 7/3.5 BK1 500 m MPB30284/BK1-2		Black	7/3.5	70	250	4000	4	7	29	500/K10
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	100/Box
Microduct 7/3.5 BN1 500 m MPB30284/BN1-2		Brown	7/3.5	70	250	4000	4	7	29	500/K10
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	100/Box
Microduct 7/3.5 BU1 500 m MPB30284/BU1-2		Blue	7/3.5	70	250	4000	4	7	29	500/K10
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	100/Box
Microduct 7/3.5 GN1 500 m MPB30284/GN1-2		Green	7/3.5	70	250	4000	4	7	29	500/K10
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	100/Box
Microduct 7/3.5 GY1 500 m MPB30284/GY1-2		Gray/Slate	7/3.5	70	250	4000	4	7	29	500/K10

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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	2804184	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	100/Box	
Microduct 7/3.5 OG1 500 m MPB30284/OG1-2	2804184	Orange	7/3.5	70	250	4000	4	7	29	500/K10	
Microduct 7/3.5 OG1 1000 m MPB30284/OG1-1	2804184	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	100/Box	
Microduct 7/3.5 PK1 500 m MPB30284/PK1-2		Pink/Rose	7/3.5	70	250	4000	4	7	29	500/K10	
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	100/Box	
Microduct 7/3.5 RD1 500 m MPB30284/RD1-2		Red	7/3.5	70	250	4000	4	7	29	500/K10	
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	100/Box	
Microduct 7/3.5 TQ1 500 m MPB30284/TQ1-2		Turquoise/ Aqua	7/3.5	70	250	4000	4	7	29	500/K10	
Microduct 7/3.5 TQ1 1000 m MPB30284/TQ1-1		Turquoise/ Aqua	7/3.5	70	250	4000	4	7	29	1000/K6	
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	100/Box	
Microduct 7/3.5 WH1 500 m MPB30284/WH1-2		White	7/3.5	70	250	4000	4	7	29	500/K10	

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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	100/Box	
Microduct 7/3.5 VT1 500 m MPB30284/VT1-2		Violet	7/3.5	70	250	4000	4	7	29	500/K10	
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	100/Box	
Microduct 7/3.5 YE1 500 m MPB30284/YE1-2		Yellow	7/3.5	70	250	4000	4	7	29	500/K10	
Microduct 7/3.5 YE1 1000 m MPB30284/YE1-1		Yellow	7/3.5	70	250	4000	4	7	29	1000/K6	