

Microduct Assembly 7/3.5 mm

TWD 7/3.5 mm 1-24 -way FIN2012

Features

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

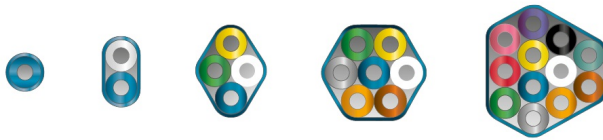
Application

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

Product Information



Microducts: HDPE

Technical Information

Värijärjestys	FIN2012
Lämpötila, käyttö [°C]	-40 to +60
Lämpötila, varastointi [°C]	-40 to +60
Lämpötila, asennus [°C]	-20 to +50
Vaatimustenmukaisuus	<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>

Merkintä

Microducts have markings showing the type and tube length.

The individual microducts are identified by their colors.

12 different colors are used according to the FIN2012 standard.

For duct assemblies with >12 ducts, the first 12 colored ducts are marked with "1" and the following ducts are marked with "2".

The assemblies are available in various sheath colors for easy identification.

Technical Details

FIN-2012 Kanava 1-12 Microducts 1-12	1	2	3	4	5	6	7	8	9	10	11	12
	Sininen Blue	Valkoinen White	Keltainen Yellow	Vihreä Green	Harmaa Grey	Oranssi Orange	Ruskea Brown	Turkoosi Turquoise	Musta Black	Violetti Violet	Vaalean- punainen Pink	Punainen Red

FIN-2012 Kanava 1-24 Microducts 1-24	1	2	3	4	5	6	7	8	9	10	11	12
	Sininen 1 Blue 1	Valkoinen 1 White 1	Keltainen 1 Yellow 1	Vihreä 1 Green 1	Harmaa 1 Grey 1	Oranssi 1 Orange 1	Ruskea 1 Brown 1	Turkoosi 1 Turquoise 1	Musta 1 Black 1	Violetti 1 Violet 1	Vaalean- punainen 1 Pink 1	Punainen 1 Red 1
	Sininen 2 Blue 2	Valkoinen 2 White 2	Keltainen 2 Yellow 2	Vihreä 2 Green 2	Harmaa 2 Grey 2	Oranssi 2 Orange 2	Ruskea 2 Brown 2	Turkoosi 2 Turquoise 2	Musta 2 Black 2	Violetti 2 Violet 2	Vaalean- punainen 2 Pink 2	Punainen 2 Red 2

Articles 31

Article name	Sähkönumero	Väri	Asettelu	Taivutus säde [mm]	Vetolujuus [N]	Puristuslujuus [N/100 mm]	Isku [J]	Mitat [mm]	Paino [kg/km]	Pituus [m]
Microduct 1x7/3.5 FIN BU 3/MPB30278/1T	5214600	Blue	1x7/3.5	80	300	2500	15	8	53	500/K6, 1000/K8
Microduct 2x7/3.5 FIN BU 3/MPB30278/2T	5214613	Blue	2x7/3.5	80	700	2500	15	8 × 15	99	4000/K12, 500/K7, 1000/K8, 2000/K10
Microduct 2x7/3.5 FIN WH 5/MPB30278/2T		White	2x7/3.5	80	700	2500	15	8 × 15	99	4000/K12, 2000/K10, 1000/K8, 500/K7
Microduct 4x7/3.5 FIN BU 3/MPB30278/4T	5214614	Blue	4x7/3.5	210	1100	2500	15	15 × 15	175	5000/K20, 4000/K18, 500/K9, 1000/K11

Article name	Sähkönumero	Väri	Asettelu	Taiivutusääde [mm]	Vetolujuus [N]	Puristuslujuus, asennettaessa [N]	Isku [J]	Mitat [mm]	Paino [kg/km]	Pituus [m]
Microduct 4x7/3.5 FIN BU 1500m 3/MPB30278/4T-X	5214795	Blue	4x7/3.5	210	1100	2500	15	15 × 15	175	1500/ New K12
Microduct 4x7/3.5 FIN WH 5/MPB30278/4T	5214615	White	4x7/3.5	210	1100	2500	15	15 × 15	175	5000/K20, 4000/K18, 500/K9, 1000/K11
Microduct 4x7/3.5 FIN WH 1500m 5/MPB30278/4T-X	5214796	White	4x7/3.5	210	1100	2500	15	15 × 15	175	1500/ New K12
Microduct 7x7/3.5 FIN BU 3/MPB30278/7T	5214616	Blue	7x7/3.5	220	2300	2500	15	22	250	4000/K22, 500/E14, 2000/K18, 1000/E14
Microduct 7x7/3.5 FIN BU 500 m 3/MPB30278/7T-2		Blue	7x7/3.5	220	2300	2500	15	22	250	500/E14
Microduct 7x7/3.5 FIN BU 900 m 3/MPB30278/7T-0	5218621	Blue	7x7/3.5	220	2300	2500	15	22	250	900
Microduct 7x7/3.5 FIN BU 2400 m 3/MPB30278/7T-X	5214797	Blue	7x7/3.5	220	2300	2500	15	22	250	2400/E17
Microduct 7x7/3.5 FIN WH 5/MPB30278/7T	5214617	White	7x7/3.5	220	2300	2500	15	22	250	4000/K22, 500/E14, 2000/K18, 1000/E14
Microduct 7x7/3.5 FIN WH 500 m 5/MPB30278/7T-2		White	7x7/3.5	220	2300	2500	15	22	250	500/E14
Microduct 7x7/3.5 FIN WH 900 m 5/MPB30278/7T-0	5218622	White	7x7/3.5	220	2300	2500	15	22	250	900
Microduct 7x7/3.5 FIN WH 2400 m 5/MPB30278/7T-X	5214798	White	7x7/3.5	220	2300	2500	15	22	250	2400/E17
Microduct 7x7/3.5 FIN YE 4/MPB30278/7T	5214618	Yellow	7x7/3.5	220	2300	2500	15	22	250	4000/K22, 500/E14, 2000/K18, 1000/E14
Microduct 7x7/3.5 FIN YE 900 m 4/MPB30278/7T-0	5218647	Yellow	7x7/3.5	220	2300	2500	15	22	250	900
Microduct 7x7/3.5 FIN YE 500 m 4/MPB30278/7T-2		Yellow	7x7/3.5	220	2300	2500	15	22	250	500/E14
Microduct 7x7/3.5 FIN GN 1/MPB30278/7T	5214619	Green	7x7/3.5	220	2300	2500	15	22	250	4000/K22, 500/E14, 2000/K18, 1000/E14
Microduct 7x7/3.5 FIN GN 500 m 1/MPB30278/7T-2		Green	7x7/3.5	220	2300	2500	15	22	250	500/E14
Microduct 12x7/3.5 FIN BU 3/MPB30278/12T	5214620	Blue	12x7/3.5	300	3600	2500	15	30	455	500/E14, 2000/K22, 1000/E14
Microduct 12x7/3.5 FIN BU 2400 m 3/MPB30278/12T-X	5214799	Blue	12x7/3.5	300	3600	2500	15	30	455	2400/E20

Article name	Sähkönumero	Väri	Asettelu	Taiivutusääde [mm]	Vetolujuus, asennettaessa [N]	Puristuslujuus [N/100 mm]	Isku [J]	Mitat [mm]	Paino [kg/km]	Pituus [m]
Microduct 12x7/3.5 FN BU 500 3/MPB30278/12T-2		Blue	12x7/3.5	300	3600	2500	15	30	455	500/E14
Microduct 12x7/3.5 FN WH 5/MPB30278/12T	5214621	White	12x7/3.5	300	3600	2500	15	30	455	500/E14, 2000/K22, 1000/E14
Microduct 12x7/3.5 FN WH 500 m 5/MPB30278/12T-2		White	12x7/3.5	300	3600	2500	15	30	455	500/E14
Microduct 12x7/3.5 FN WH 2400 m 5/MPB30278/12T-X	5218600	White	12x7/3.5	300	3600	2500	15	30	455	2400/E20
Microduct 12x7/3.5 FN YE 4/MPB30278/12T	5214622	Yellow	12x7/3.5	300	3600	2500	15	30	455	500/E14, 2000/K22, 1000/E14
Microduct 12x7/3.5 FN YE 500 m 4/MPB30278/12T-2		Yellow	12x7/3.5	300	3600	2500	15	30	455	500/E14
Microduct 12x7/3.5 FN YE 2400 m 4/MPB30278/12T-X	5218601	Yellow	12x7/3.5	300	3600	2500	15	30	455	2400/E20
Microduct 12x7/3.5 FN GN 1/MPB30278/12T	5214623	Green	12x7/3.5	300	3600	2500	15	30	455	500/E14, 2000/K22, 1000/E14
Microduct 12x7/3.5 FN GN 500 m 1/MPB30278/12T-2		Green	12x7/3.5	300	3600	2500	15	30	455	500/E14