



Microduct Assembly 14/10 mm

TWD 14/10 mm 1-7 -way FIN2012

Features

- For direct burial
- 1, 2, 4 or 7 bundled ducts
- 14/10 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

The duct assemblies are available in several configurations from 1 to 7 microducts.

14/10 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 and outer sheath: 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

Duct assemblies 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.

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 20

Article name	Sähkönumero	Väri	Asettelu	Taivutussäde [mm]	Vetolujuus, asennettaessa [N]	Puristuslujuus [N/100 mm]	Isku [J]	Mitat [mm]	Paino [kg/km]	Pituus [m]
Microduct 2x14/10 FIN BU Tr 3/MPB30281/2AN	5218616	Blue	2x14/10	250	1800	9500	28	15.4 × 29.4	193	1000/K12
Microduct 2x14/10 FIN BU 1400 m 3/MPB30281/2T-X	5218602	Blue	2x14/10	250	1800	9500	28	15.4 × 29.4	193	1400/New K14
Microduct 4x14/10 FIN BU 3/MPB30277/4T	5214632	Blue	4x14/10	400	3300	3000	25	29.4 × 29.4	354	500/K14, 1000/ER17
Microduct 4x14/10 FIN BU 2000 m 3/MPB30277/4T-X	5218603	Blue	4x14/10	400	3300	3000	25	29.4 × 29.4	354	2000/E20
Microduct 4x14/10 FIN BU 500 m 3/MPB30277/4T-2		Blue	4x14/10	400	3300	3000	25	29.4 × 29.4	354	500/ER17
Microduct 4x14/10 FIN WH 5/MPB30277/4T	5214633	White	4x14/10	400	3300	3000	25	29.4 × 29.4	354	500/K14, 1000/ER17
Microduct 4x14/10 FIN WH 500 m 5/MPB30277/4T-2		White	4x14/10	400	3300	3000	25	29.4 × 29.4	354	500/ER17
Microduct 4x14/10 FIN WH 2000 m 5/MPB30277/4T-X	5218604	White	4x14/10	400	3300	3000	25	29.4 × 29.4	354	2000/E20

Article name	Sähkönumero	Väri	Asettelu	Taiutussäde [mm]	Vetolujuus, asennettaessa [N]	Puristuslujuus [N/100 mm]	Isku [J]	Mitat [mm]	Paino [kg/km]	Pituus [m]
Microduct 4x14/10 FIN YE 4/MPB30277/4T	5214716	Yellow	4x14/10	400	3300	3000	25	29.4 × 29.4	354	1000/ER17
Microduct 4x14/10 FIN YE 500 m 4/MPB30277/4T-2		Yellow	4x14/10	400	3300	3000	25	29.4 × 29.4	354	500/ER17
Microduct 4x14/10 FIN GN 1/MPB30277/4T	5214715	Green	4x14/10	400	3300	3000	25	29.4 × 29.4	354	1000/ER17
Microduct 4x14/10 FIN TQ 11/MPB30277/4T	5218630	Turquoise	4x14/10	400	3300	3000	25	29.4 × 29.4	354	1000/ER17
Microduct 7x14/10 FIN BU 3/MPB30277/7T	5214634	Blue	7x14/10	550	5500	4500	27	43.4	587	500/ER17, 1000/ER20
Microduct 7x14/10 FIN BU 1000 m 3/MPB30277/7T-1		Blue	7x14/10	550	5500	4500	27	43.4	587	1000/ER20
Microduct 7x14/10 FIN BU 500 m 3/MPB30277/7T-2		Blue	7x14/10	550	5500	4500	27	43.4	587	500/ER17
Microduct 7x14/10 FIN WH 5/MPB30277/7T	5214635	White	7x14/10	550	5500	4500	27	43.4	587	500/ER17, 1000/ER20
Microduct 7x14/10 FIN WH 500 m 5/MPB30277/7T-2		White	7x14/10	550	5500	4500	27	43.4	587	500/ER17
Microduct 7x14/10 FIN YE 4/MPB30277/7T	5214636	Yellow	7x14/10	550	5500	4500	27	43.4	587	500/ER17, 1000/ER20
Microduct 7x14/10 FIN YE 500 m 4/MPB30277/7T-2		Yellow	7x14/10	550	5500	4500	27	43.4	587	500/ER17
Microduct 7x14/10 FIN GN 1/MPB30277/7T	5214717	Green	7x14/10	550	5500	4500	27	43.4	587	1000/ER20