



# Microduct Assembly 16/12 mm

TWD 16/12 mm 2-4 -way FIN2012

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## Features

- For direct burial
- 2, or 4 bundled ducts
- 16/12 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 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 2 to 4 microducts. 16/12 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

<b>Värijärjestys</b>	FIN2012
<b>Lämpötila, käyttö [°C]</b>	-40 to +60
<b>Lämpötila, varastointi [°C]</b>	-40 to +60
<b>Lämpötila, asennus [°C]</b>	-20 to +50
<b>Vaatimustenmukaisuus</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>Flexibility:</b> IEC 60794-1-2-E8</p> <p><b>Inner Clearance:</b> IEC 60794-5-20, IEC 60794-5-10, Ann. D</p>
<b>Merkintä</b>	<p>Duct assemblies have markings showing the type and tube length. The individual microducts are identified by their colors.</p> <p>12 different colors are used according to the FIN2012 standard.</p> <p>The assemblies are available in various sheath colors for easy identification.</p>

## 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 8

Article name	Sähkönumero	Väri	Asettelu	Taiutus säde [mm]	Vetolujuus, asennettaessa [N]	Vetolujuus, asennettuna [N]	Puristuslujuus [N/100 mm]	Isku [J]	Mitat [mm]	Paino [kg/km]	Paino vedessä [kg/km]	Pituus [m]
<b>Microduct 2x16/12 FIN2012 BU</b> 3/MPB30218/2T	5214770	Blue	2x16/12	250	2400	2400	9000	26	18 × 34	250	–	2000/K20, 1000/K14, 500/K12
<b>Microduct 4x16/12 FIN2012 BU</b> 3/MPB30218/4T	5214771	Blue	4x16/12	550	4200	4200	3000	29	34 × 34	414	414	2000/K24, 1000/EF20, 500/K14
<b>Microduct 4x16/12 FIN2012 WH</b> 5/MPB30218/4T		White	4x16/12	550	4200	4200	3000	29	34 × 34	414	414	2000/K24, 1000/EF20, 500/K14
<b>Microduct 4x16/12 FIN2012 YE</b> 4/MPB30218/4T-1	5218625	Yellow	4x16/12	550	4200	–	3000	29	34 × 34	414	–	1000
<b>Microduct 4x16/12 FIN2012 WH</b> 5/MPB30218/4T-1	5218624	White	4x16/12	550	4200	–	3000	29	34 × 34	414	–	1000
<b>Microduct 4x16/12 FIN2012 GN</b> 1/MPB30218/4T-1	5218626	Green	4x16/12	550	4200	–	3000	29	34 × 34	414	–	1000
<b>Microduct 4x16/12 FIN2012 PK</b> 7/MPB30218/4T-1	5218629	Pink	4x16/12	550	4200	–	3000	29	34 × 34	414	–	1000
<b>Microduct 4x16/12 FIN2012 TQ</b> 11/MPB30218/4T-1	5218628	Turquoise	4x16/12	550	4200	–	3000	29	34 × 34	414	–	1000