



# Primary Microduct 7/3.5 mm

**TWD 7/3.5 mm Single Way Termite Protected**

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## Features

- For direct burial
- 7/3.5 mm microducts
- Low friction inner surface
- Suits branching, lead ins and runs through existing duct
- Nylon sheathed for termite protection

## 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 wall of the microducts allow for installation directly into the ground without the need for additional protection. The nylon layer applied to each microduct makes these assemblies suited to termite prone areas. Single way microducts are suitable for branching and lead in connections in FTTH networks and can be used as a feeder from existing duct networks.

## 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 and Nylon

## Technical Information

<b>Temperature, Operation [°C]</b>	-40 to +60
<b>Temperature, Storage [°C]</b>	-40 to +60
<b>Temperature, Installation [°C]</b>	-20 to +50
<b>Conformance</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>Marking</b>	<p>Microducts are marked in a contrasting inkjet colour and are separately identified by their colour.</p> <p>12 different colors are available: blue, orange, green, brown, grey, white, red, black, yellow, violet, rose and turquoise/aqua. Custom colours are available by request but minimum order quantities may apply.</p>

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Article name	Color	Layout	Bend Radius [mm]	Tensile Force [N]	Crush Force, Installation [N]	Impact [J]	Dimensions [mm]	Weight [kg/km]
<b>Microduct 7/3.5 TWD PA Blue</b> MPB30317/BU1	Blue	7/3.5	70	250	4000	4	7	29
<b>Microduct 7/3.5 TWD PA Orange</b> MPB30317/OG1	Orange	7/3.5	70	250	4000	4	7	29
<b>Microduct 7/3.5 TWD PA Green</b> MPB30317/GN1	Green	7/3.5	70	250	4000	4	7	29
<b>Microduct 7/3.5 TWD PA Brown</b> MPB30317/BN1	Brown	7/3.5	70	250	4000	4	7	29
<b>Microduct 7/3.5 TWD PA Grey</b> MPB30317/GY1	Grey	7/3.5	70	250	4000	4	7	29
<b>Microduct 7/3.5 TWD PA White</b> MPB30317/WH1	White	7/3.5	70	250	4000	4	7	29
<b>Microduct 7/3.5 TWD PA Red</b> MPB30317/RD1	Red	7/3.5	70	250	4000	4	7	29
<b>Microduct 7/3.5 TWD PA Black</b> MPB30317/BK1	Black	7/3.5	70	250	4000	4	7	29
<b>Microduct 7/3.5 TWD PA Yellow</b> MPB30317/YE1	Yellow	7/3.5	70	250	4000	4	7	29
<b>Microduct 7/3.5 TWD PA Violet</b> MPB30317/VT1	Violet	7/3.5	70	250	4000	4	7	29
<b>Microduct 7/3.5 TWD PA Pink</b> MPB30317/PK1	Pink	7/3.5	70	250	4000	4	7	29
<b>Microduct 7/3.5 TWD PA Turquoise/Aqua</b> MPB30317/TQ1	Turquoise/ Aqua	7/3.5	70	250	4000	4	7	29