



# Microduct Assembly 20/16 mm

**TWD 20/16 mm 2-4 -way S12**

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## Features

- For direct burial
- 2 or 4 bundled ducts
- 20/16 mm microducts
- Low friction inner surface
- Longitudinal grooves for maximum installation lengths

## Application

The thick walled microduct bundles consist of a number of microducts 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

The duct assemblies are available in several configurations from 2 to 4 microducts.  
20/16 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 jacket: HDPE

## Technical Information

Color Code	S12
Conformance	Abrasion: IEC 60794-1-2-E2B(1) Kink: IEC 60794-1-2-E10, 20 x outer diameter Impact: IEC 60794-1-2-E4 Crush: IEC 60794-1-2-E3 Tensile: IEC 60794-1-2-E Bend: IEC 60794-1-2-E11A Torsion: IEC 60794-1-2-E Flexibility: IEC 60794-1-2-E8 Inner Clearance: IEC 60794-5-20, IEC 60794-5-10, Ann. D
Temperature, Installation [°C]	-20 to +50
Marking	Duct assemblies have markings showing the type and tube length. The individual microducts are identified by their colors (color stripes). 12 different colors are used: according to the S12 standard. The assemblies are available in various jacket colors for easy identification.
Temperature, Operation [°C]	-40 to +60
Temperature, Storage [°C]	-40 to +60

Technical Details

S12 Mikroför 1-12 Microducts 1-12	1	2	3	4	5	6	7	8	9	10	11	12
	Orange	Gul Yellow	Röd Red	Vit White	Grön Green	Violett Violet	Blå Blue	Grå Grey	Turkos Turquoise	Svart Black	Brun Brown	Rosa Pink
S12 Mikroför 1-24 Microducts 1-24	1	2	3	4	5	6	7	8	9	10	11	12
	Orange 1	Gul 1 Yellow 1	Röd 1 Red 1	Vit 1 White 1	Grön 1 Green 1	Violett 1 Violet 1	Blå 1 Blue 2	Grå 1 Grey 1	Turkos 1 Turquoise 1	Svart 1 Black 1	Brun 1 Brown 1	Rosa 1 Pink 1
	13	14	15	16	17	18	19	20	21	22	23	24
	Orange 2	Gul 2 Yellow 2	Röd 2 Red 2	Vit 2 White 2	Grön 2 Green 2	Violett 2 Violet 2	Blå 2 Blue 2	Grå 2 Grey 2	Turkos 2 Turquoise 2	Svart 2 Black 2	Brun 2 Brown 2	Rosa 2 Pink 2

S12 Color Code Chart for Microduct Assemblies

Items 5

Item Name	Color	Layout	Bend Radius [mm]	Tensile Force, Installation [N]	Crush [N/100 mm]	Impact [J]	Dimensions [mm]	Weight [kg/km]
Cable duct 2x20/16 S12 OG MPB30256/2M	Orange	2x20/16	440	3000	8000	15	42 x 22	318
Cable duct 2x20/16 S12 YE 4/MPB30256/2M	Yellow	2x20/16	440	3000	8000	15	42 x 22	318
Cable duct 2x20/16 S12 RD 2/MPB30256/2M	Red	2x20/16	440	3000	8000	15	42 x 22	318
Cable duct 2x20/16 S12 GN 1/MPB30256/2M	Green	2x20/16	440	3000	8000	15	42 x 22	318
Cable duct 4x20/16 S12 OG MPB30256/4M	Orange	4x20/16	840	5300	-	-	42 x 42	568