



# Microduct Assembly 8/4.4 mm with Tracer

TWD 8/4.4 mm, Tr, S12

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## Features

- For direct burial
- 8/4.4 mm microducts
- Low friction inner surface
- Integrated tracer wire under sheath

## 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. The integrated tracer wire saves time and installation cost since an additional wire for tracing is not required.

## Design

The duct assemblies are available in configurations with a single duct and an outer sheath. 8/4.4 mm 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 and outer sheath: HDPE

Tracer Wire

**Single ducts:** 24 AWG (0.2 mm<sup>2</sup>)

**Material:** Isolated, stranded copper

## Technical Information

<b>Color Code</b>	S12
<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>	Duct assemblies have markings showing the type and tube length.

## Technical Details

S12 Mikrotrör 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 Mikrotrör 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

## Articles 1

Article name	EL-No.	Color	Layout	Bend Radius [mm]	Tensile Force [N]	Crush [N/100 mm]	Dimensions [mm]	Weight [kg/km]	Length [m]
Microduct 1x8/4.4 S12 Tr OG 500m MPB30268/1BA-2	2800494	Orange	1x8/4.4	80	300	3000	10.8	54	500