



# Microduct Assembly 10/6 mm

TWD 10/6 mm 2-24 -way DIN0888

---

## Features

- For direct burial
- 2, 4, 6, 7, 12, 14 or 24 bundled ducts
- 10/6 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 12 microducts. 10/6 mm microducts are optimized for installation of nano cables and air-blown fibers. The microducts have a low-friction inner surface for best blowing performance.

## Product Information

**Microducts:** HDPE

## Technical Information

<b>Color Code</b>	DIN0888
<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 have markings showing the type and tube length. The individual microducts are identified by their colors. 12 different colors are used according to the DIN0888 standard.</p>

**Technical Notes**

(\* ) The technical information provided here is normally verified by thorough testing according to standardized test procedures. However, some configurations that has not yet been in production are shown with calculated values. This information may be updated after final testing has been performed.

**Technical Details**

DIN-0888 Mikrorohr Microducts	1	2	3	4	5	6	7	8	9	10	11	12
	Rot   Red	Grün   Green	Blau   Blue	Gelb   Yellow	Weiss   White	Grau   Grey	Braun   Brown	Violett   Violet	Türkis   Turquoise	Schwarz   Black	Orange	Rosa   Pink
	13	14	15	16	17	18	19	20	21	22	23	24
	Rot     Red	Grün     Green	Blau     Blue	Gelb     Yellow	Weiss     White	Grau     Grey	Braun     Brown	Violett     Violet	Türkis     Turquoise	Schwarz     Black	Orange	Rosa     Pink

DIN 0888 Color Code Chart for Microduct Assemblies

**Articles 7**

Article name	Color	Layout	Bend Radius [mm]	Tensile Force, Installation [N]	Crush [N/100 mm]	Impact [J]	Dimensions [mm]	Weight [kg/km]	Length [m]
<b>Microduct 2x10/6 DIN OG</b> MPB30265/2AB	Orange	2x10/6	150	1400	9000*	25*	11.4 × 21.4	151	2000/K14, 1000/K10, 500/K8
<b>Microduct 4x10/6 DIN OG</b> MPB30265/4AB	Orange	4x10/6	–	–	–	–	–	255	–
<b>Microduct 6x10/6 DIN OG</b> MPB30265/6AB	Orange	6x10/6	300	3300	–	–	26.4 × 28.7	355	1000/K18, 500/K12
<b>Microduct 7x10/6 DIN OG</b> MPB30265/7AB	Orange	7x10/6	325	3800	5000*	29*	28.7 × 31.4	400	1000/K18, 500/K12
<b>Microduct 12x10/6 DIN OG</b> MPB30265/12AB	Orange	12x10/6	425	6200	7500	25	37.4 × 41.4	695	1000/K22, 500/K16
<b>Microduct 14x10/6 DIN OG</b> MPB30265/14AB	Orange	14x10/6	480	7700	6000	7	37.4 × 46.0	800	–
<b>Microduct 24x10/6 DIN OG</b> MPB30265/24AB	Orange	24x10/6	625	10 000	6000	7	62 × 47	1300	–