



Microduct Assembly 12/8 mm

TWD 12/8 mm 2-12 -way DIN0888

Features

- For direct burial
- 2, 4, 6, 7 or 12 bundled ducts
- 12/8 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 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.

12/8 mm microducts are optimized for installation of nano cables and air-blown fibers. The microducts have a solid low-friction inner surface. The microducts have a low-friction inner surface with longitudinal grooves for best blowing performance.

Product Information

Microducts: HDPE

Technical Information

Color Code	DIN0888
Temperature, Operation [°C]	-40 to +60
Temperature, Storage [°C]	-40 to +60
Temperature, Installation [°C]	-20 to +50
Conformance	<p>Abrasion: IEC 60794-1-2-E2B(1)</p> <p>Kink: IEC 60794-1-2-E10, 20 x outer diameter</p> <p>Impact: IEC 60794-1-2-E4</p> <p>Crush: IEC 60794-1-2-E3</p> <p>Tensile: IEC 60794-1-2-E</p> <p>Bend: IEC 60794-1-2-E11A</p> <p>Torsion: IEC 60794-1-2-E</p> <p>Flexibility: IEC 60794-1-2-E8</p> <p>Inner Clearance: IEC 60794-5-20, IEC 60794-5-10, Ann. D</p>
Marking	<p>Microducts have markings showing the type and tube length.</p> <p>The individual microducts are identified by their colors.</p> <p>12 different colors are used according to the DIN0888 standard.</p> <p>The assemblies are available in various sheath colors for easy identification.</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	Brau 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	Brau Brown	Violett Violet	Türkis Turquoise	Schwarz Black	Orange	Rosa Pink

DIN 0888 Color Code Chart for Microduct Assemblies

Articles 15

Article name	Color	Layout	Bend Radius [mm]	Tensile Force, Installation [N]	Crush [N/100 mm]	Impact [J]	Dimensions [mm]	Weight [kg/km]	Length [m]
Microduct 2x12/8 DIN OG MPB30266/2AB	Orange	2x12/8	200	1500	-	-	13.4 × 25.4	161	1000/K12
Microduct 2x12/8 DIN OG 1000 m MPB30266/2AB-1	Orange	2x12/8	200	1500	-	-	13.4 × 25.4	161	-
Microduct 2x12/8 DIN OG 500 m MPB30266/2AB-2	Orange	2x12/8	200	1500	-	-	13.4 × 25.4	161	-
Microduct 4x12/8 DIN OG MPB30266/4AB	Orange	4x12/8	320	2800	-	-	25.4 × 25.4	296	2000/ER20, 1000/ER17, 500/K12
Microduct 4x12/8 DIN OG 1000 m MPB30266/4AB-1	Orange	4x12/8	320	2800	-	-	25.4 × 25.4	296	-
Microduct 4x12/8 DIN OG 500 m MPB30266/4AB-2	Orange	4x12/8	320	2800	-	-	25.4 × 25.4	296	-
Microduct 6x12/8 DIN OG MPB30266/6AB	Orange	6x12/8	400	4100	-	-	31.4 × 34.2	428	2000/K24, 1000/ER17, 500/K14
Microduct 6x12/8 DIN OG 1000 m MPB30266/6AB-1	Orange	6x12/8	400	4100	-	-	31.4 × 34.2	428	-
Microduct 6x12/8 DIN OG 500 m MPB30266/6AB-2	Orange	6x12/8	400	4100	-	-	31.4 × 34.2	428	-

Article name	Color	Layout	Bend Radius [mm]	Tensile Force [N]	Crush [N/100 mm]	Impact [J]	Dimensions [mm]	Weight [kg/km]	Length [m]
Microduct 7x12/8 DIN OG MPB30266/7AB	Orange	7x12/8	475	4700	4700*	27*	34.2 × 37.4	490	500/ER17, 1000/ER20
Microduct 7x12/8 DIN OG 1000 m MPB30266/7AB-1	Orange	7x12/8	475	4700	4700*	27*	34.2 × 37.4	490	–
Microduct 7x12/8 DIN OG 500 m MPB30266/7AB-2	Orange	7x12/8	475	4700	4700*	27*	34.2 × 37.4	490	–
Microduct 12x12/8 DIN OG MPB30266/12AB	Orange	12x12/8	650	7700	7000*	25*	44.6 × 49.4	810	1000/K24, 500/ER20
Microduct 12x12/8 DIN OG 1000 m MPB30266/12AB-1	Orange	12x12/8	650	7700	7000*	25*	44.6 × 49.4	810	–
Microduct 12x12/8 DIN OG 500 m MPB30266/12AB-2	Orange	12x12/8	650	7700	7000*	25*	44.6 × 49.4	810	–