

Microduct Multi

7 x 14/10 mm

P/n: U010704000010

- Available in configurations with 2 to 24+1 pathways, with sizes ranging from 7-22 mm OD
- Duct bundle with thick PE sheathing material as standard no adhesion with the individual ducts
- Different sheath colour possible for improved differentiation in the trench
- Ultraviolet resistance up to 2 years in Central European climate
- Clear allocation of the internal PE-HD microducts using different colour combinations and corresponding duct numbers
- Disposable metal and wooden drum on transport frame for secure storage and handling
- Fulfilment of the specifications of major telecommunication companies like Deutsche Glasfaser, Deutsche Telekom and Vodafone

Colors Available

The tube colors are manufactured according to DIN VDE 0888.

	Single Duct Specifications 14/10	Multi Duct Specifications 7 x 14/10	
Outer Diameter :	14.0 mm Ø: -0.1 mm / +0.15 mm	42.0 x 44.0 mm	
Inner Diameter :	min 9.9 mm		
Wall Thickness:	2.0 mm -0.1 mm / +0.1 mm	0.9 mm	
Ovality :	max 5%		
Material	PE-HD		
Weight	0.072 kg/m	0.630 kg/m	
Recommended Cable	2.5 – 7.5 mm		
Bending Radius	140 mm	840 mm	IEC 60794-5-10/IEC 60794-1-21-E11B
Tensile Strength	750 N		IEC 60794-5-10/IEC 60794-1-21-E1
Creep Rupture Strength	170 h / 80 °C / 4 N / mm2 according to DIN 16874		
Homogeneity	DIN 8075		
Direct Buried	Yes		
Crush Performance	500 N	2000 N	IEC 60794-5-10/IEC 60794-1-21-E3
Blowing Pressure	16 bar		
Burst Pressure	min 40 bar at 20°C		IEC 60794-5-10/IEC 60794-1-21-F13
Inner Clearance Test		85% of inner diameter	IEC 60794-5- 10/IEC 60794-1-21-E23
Marking	0000 M – U010704000010 – SNBR01 – UCS 7x14/10 – 2024/09/18		

Temperature		Bending Radius	
Transport and Storage	-10° to +50°C	Single Duct	The recommended minimum bending radius is calculated as follows: 20 × outer diameter at 20 °C
Installation	-10° to +50°C	Multi Duct	The recommended minimum bending radius is: 2,5 m
Operation	-20° to +60°C		

Material Specifications

Average Density	> 0,940 g/cm³ at 23 °
UV-Resistance	2 years under the conditions in Central Europe climate according to EN ISO 4892 -2
Fire Behaviour	Normal Flame-Resistance according to DIN 4102, class B2

Packaging Information

Drum Size	H: 1900 mm W:1000 mm
Drum Length	1000 m
Delivery Protection	The duct bundle drum is delivered on special drum support pallet. The ducts are sealed on both ends with protective caps and wrapped in black film.

