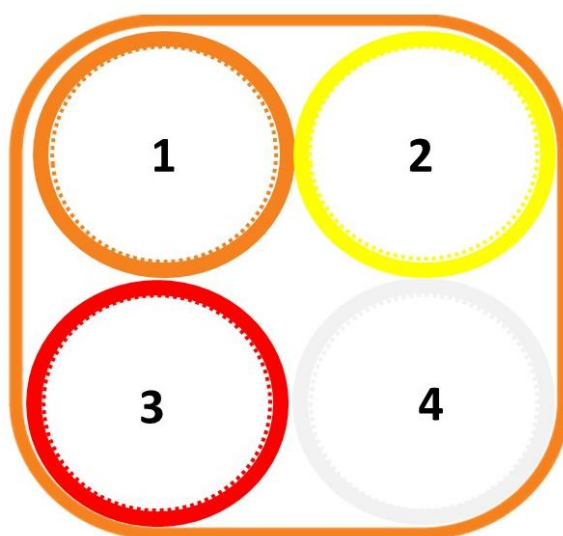


Microduct

4 WAY 14,0/10,0 MM MICRODUCT ON 1000 M ONE-WAY DRUMS



Dimensions

	Microduct Mono	Microduct Multi
Outer diameter	13,9-14,2 mm	29,4 mm (nominal)
Wallthickness	2,0 mm (nominal)	0,7 mm (nominal)

Product Features

Material	PE-HD
Colour	Sheath: orange; Microduct: 1) orange, 2) yellow, 3) red, 4) white
Marking every meter	4x14/10 mm – producer, production date, time, meter, batchno., Attention Optical Fibre
Standard length	1000 m; Drum H 1400 mm W 1120 mm C 600 mm
Design Single Microduct	Smooth outer surface, grooved inner surface

Material Characteristics Single Duct

Density	≥ 0,935 kg/m ³
MFI (190 °C, 5 kg)	0,1 to 1,4 g/10 min
Linear expansion	0,2 mm/m*K
Shore-Grade	~ 55 Shore-D

Mechanical Characteristics

	Microduct Mono	Microduct Multi
Bending	10 x outer diameter	
Temperatures during Transport/Storage Installation duct Installation cables/fibres	-40 °C to 60 °C -40 °C to 60 °C -40 °C to 35 °C	
Weight Multiduct <i>calculated value</i>	0,362 kg/m	
Ovality Single Microduct	Max. 0,3 mm	
Max. pressure Single Microduct	16 bar	
Refractive radius	< 10x microducts outer diameter	
Pressure strength	> 1000 N/dm	
UV-Resilience Single Microduct	2 years (Northern European climate)	

Colour

Colour	RAL/PMS
Pastel Orange	RAL 2003
Zinc Yellow	RAL 1018
Red	RAL 3000
White	RAL 9010
Emerald Green	RAL 6001
Violet	RAL 4006
Blue	RAL 5010
Silver Grey	RAL 7001
Light Green	RAL 6027
Black	RAL 9011
Brown	RAL 8015
Purple	RAL 4003

Certified in accordance to DIN EN ISO 9001 (quality management),
DIN EN ISO 14001 (environmental management) and
DIN EN ISO 50001 (energy management)