

Product name	Bundle 7x12/10 WHITE LSOH jacket HDPE primary tubes 500m/d
Product code	85800228
GTIN	7332811336782
ETIM-Class	EC001474



PRODUCT SPECIFICATIONS

Hybrid LSZH microduct designed for long term protection of fiber optical cables and are especially suitable for installation of micro cables. Indoor microducts are used for indoor installation applications with a sheath made of halogen-free, flame retardant material and primary ducts of halogen-free HDPE. Parameters such as flexibility and higher safety levels for fire and dangerous substances makes it optimized for safe and effective indoor installations. Every microduct has a permanent, co-extruded silicone compound inner liner giving a coefficient of friction of less than 0,1.

Compliant to Telcordia GR 3155-COR

Unsheathed primary ducts are not flame retardant and shall be installed in flame retardant cable protection.

Measurements

Height	1 mm
Weight	386 g

Technical Specifications - Single Ducts

Duct Type	12/10
Duct Colour	White
Outer Diameter	12 mm
Outer Diameter Tolerance	+/- 0.1 mm
Inner Diameter	10 mm

Inner Diameter Tolerance	+/- 0.1 mm
Min Bending Radius	150 mm
Max Install Tensile Force	300 N
Inner clearance test (of ID)	85 %

Technical Specifications - Bundle

Bundle Type	7-way
Tube Colour Sequence	EIA/TIA-598A
Sheath Colour (Bundle)	White
Bundle Dimensions	38.8 x 35.6 mm
Min Bending Radius (Bundle)	430 mm
Max Install Tensile Force (Bundle)	2,600 N

Mechanical Characteristics

Temperature ranges for installation	-10°C - +50°C
Temperature ranges for Operation	-40°C - +60°C
Temperature ranges for transport and storage	-40°C - +60°C
Pressure Withstand (IEC 60794-1-22, Method F13)	15 bar
Tensile performance (IEC 60794-1-21, Method E1)	compliant
Kinking (IEC 60794-1-21, Method E10)	compliant
Crush (IEC 60794-1-21, Method E3A)	compliant
Impact (IEC 60794-1-21, Method E4)	compliant
Bending (IEC 60794-1-21, Method E11B)	compliant
Coefficient of Friction (IEC 62470)	≤ 0,1

Flame Retardant Test Compliance

Flammability Compliance	iec60332-1
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