

MICROBUNDLES

FuturePath LSHF 4x12/10 mm

FuturePath LSHF (Low Smoke Halogen Free) provides multiple MicroDucts bundled into an easy-to-handle unit designed for future growth in in-building fibre networks. It is specifically designed for in-building applications where fire, smoke, and toxic fumes may pose a risk to human life and critical electronic equipment. Once installed, it enables seamless, cost-effective moves, adds, and changes (MACs) and end-to-end fibre jetting in indoor FTTH, LAN, data centre, and transportation networks.

- Made from quality fire retardant materials, formulated for long life expectancy
- Tested in accordance with EN 13501-1 for reaction to fire and achieved fire performance and smoke generation rating 'B-s2, d0' when mounted on gypsum plasterboard
- Halogen free, tested in accordance with EN 50642
- Individual MicroDucts LSHF are tested by respected German test institute VDE and marked in accordance with EN IEC 61386-22 (VDE 0605-22):2021-12; EN IEC 61386-22:2021+A11:2021. Production is regularly audited by VDE.
- Individual MicroDucts inside are available with SILICORE®, a permanently lubricated, coextruded inner lining that provides a lower coefficient of friction (<0.1) for improved cable jetting performance
- Available in natural, milky white color
- Individual MicroDucts inside designed for an optimal fill ratio between a minimum of 50% and a maximum of 75%

COLORS



Note: If a pre-installed rope is utilised, it should be removed upon completion of the installation.

DETAILS

- Footage/Meter Markings

OPTIONS

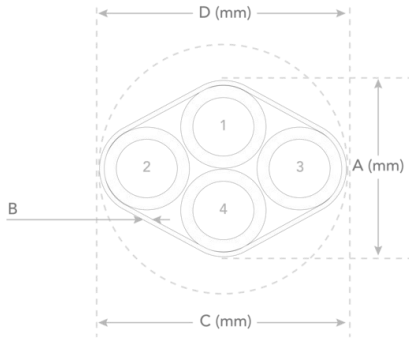
- Internal Ribs
- Smooth Interior Wall
- Pre-installed Rope





Product Description	FuturePath LSHF 4x12/10 mm
---------------------	----------------------------

TECHNICAL DETAILS	
Bend Radius	300 mm
Height (A)	25.5 mm
Oversheath (B)	0.75 mm
Oversheath (B)	0.75 mm
Width (C)	30 mm
Outside Diameter (OD)	12 mm
OD Tolerance +	0.1 mm
OD Tolerance -	0.1 mm
Inside Diameter (ID)	10 mm
MicroDuct Size (OD/ID)	12/10 mm



PHYSICAL PROPERTIES	
Oversheath Tolerance +	0.25
Oversheath Tolerance -	0.25

GENERAL PRODUCT INFORMATION	
Storage Temperature	-15 to 60°C
InstallationTemperature	-5 to 50°C
Use Temperature	-5 to 60°C
Interior wall	Smooth,Ribbed
Pre-Lubrication Class	Silicore
UV Stability	0

PERFORMANCE PROPERTIES	
Maximum Pulling Force - Test Method: EN ISO 527-2	1560 N
Resistance of Marking	IEC 60794-1-2, Method E2B, technique no 2

PACKAGING	
Total Weight (Duct + Drum)	1300 kg/km
Print Marking	0000m - UCS - LOT No 12345678 - FuturePath LSHF 4x12/10 - Production date<YYYY/MM/DD>