

Connectix Cabling Systems™

Indoor Microduct Miniflex



Indoor Microduct Miniflex is a microduct for the routing of cables and optical fibres within buildings. Indoor Microduct Miniflex is made from a flame retardant, Low Smoke Zero Halogen polymer making it suitable for use indoors in the event of fire (EU only).

Indoor Microduct Miniflex has a low-friction & low static DVC™ lining to assist in pulling, blowing and pushing of fiber or cable.

Features & Benefits

- Fire retardant
- Low smoke, zero halogen (LSZH)
- Features Miniflex™ technology
- Ultra tough
- Ultra low friction & low static DVC™ lining aiding fibre install
- Very high crush resistance
- Class-leading push and blow ability
- Bend radius of 100mm



Compatibility List

- Miniflex™ Indoor Microduct is compatible with:
- QuikPush products
- Industry standard push-fit connectors
- Compatible with all microduct, fibre and cables
- Applications: Ftth/Fttx - Indoor, Data Infrastructure, Telecoms



Product Specifications

Material	Property	Best For	Colour
PBT	hardest & toughest outdoor material, some UV resistance	All general applications	BLK, WHT
PA12	(Nylon) Hardest & toughest indoor material, European LSZH	Frequently accessed ODFs needing extra protection	WHT
MDPE	Standard cable jacket material	Aerial	BLK
HDPE	Harder & denser than MDPE	Direct bury	ORG
PVDF	Used for indoor & outdoor applications. Meets US fire ratings (OFNR)	Indoor use especially building risers	WHT
PP	Basic most cost effective grade	Protecting fibre in cabinets	ALL
PEMX	Specialized LSZH & riser material	Indoor use especially building risers	WHT, BLK

ISO9001 Production, REACH, ROHS, Certificate of Origin, EN 50411-6-1, IEC 60794-5

Direct Burial Microduct Miniflex Product List

Material	OD (mm)	ID (mm)	Crush (n)	Tension (n)	Nominal Weight (kg/km)	Bend Radius (Passive)	Bend Radius (Active)	Install Temp (celsius)	Product Code
PEMX	8.0	5.5	450	250	24.3	10x OD	5x OD	-10 to +60	8.0-5.5 PEMX
PEMX	10.0	6.0	725	350	39.6	10x OD	5 x OD	-10 to +60	1.0-6.0-PEMX

Environmental Conditions

Operating Temperature:	Pullcord
-40°C/+70°C	A pull cord can be specified to enable easy population of the protection tube if required

Ordering Information

Product Description	Part Number
Miniflex Indoor PEMX Flame Retardant White 8mm x 5.5mm Microduct - per metre (with pull cord)	002-900-805-01
Miniflex Indoor PEMX Flame Retardant White 10mm x 6.0mm Microduct - per metre (with pull cord)	002-900-805-02