

Overview

SpliceGroup™ offers a comprehensive range of internal microducts called F-Tube.

F-Tube is a high-performance range of internal microducts designed specifically for pulled fibre applications across data centres, co-location environments and enterprise networks.

Each 8/5mm microduct incorporates a low-friction liner to optimise fibre placement performance, enabling long blowing distances and smooth, reliable pulling during installation.

Constructed as a non-flame-propagating, low-fire-hazard (LFH) duct system, F-Tube provides enhanced safety for indoor deployments and complies with EN61386-22 classifications. The microducts are supplied with an integrated pull cord, allowing straightforward installation of fibre units or bundles.

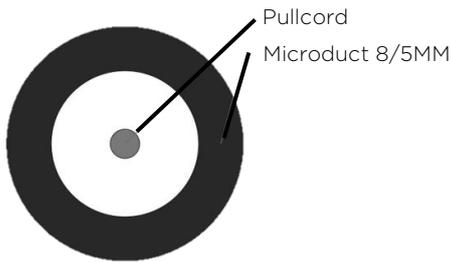
Available in multiple configurations, including 1-way, 2-way, 4-way and 7-way structures, F-Tube supports a wide range of network architectures and duct-density requirements.

Lightweight, flexible and entirely metal-free, the system delivers excellent handling characteristics and high tensile load ratings to ensure robust performance during installation.

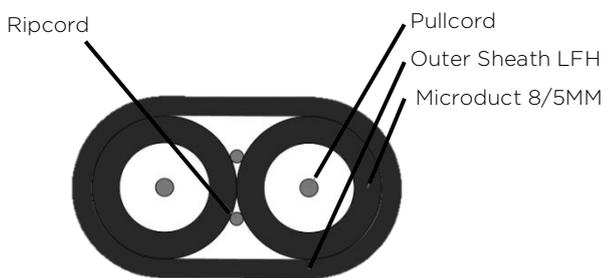
Engineered for versatility, safety and ease of installation, F-Tube microducts provide a dependable pathway solution for modern fibre networks, enabling rapid, clean and scalable fibre deployment.

Main Features

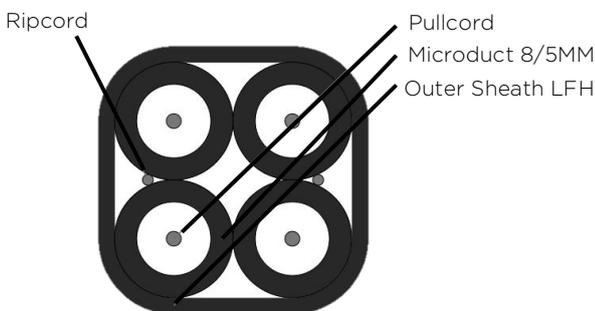
- Low-fire-hazard(LFH), non-flame-propagating construction compliant with EN61386-22
- Integrated pull cord within each microduct for fast and simple fibre placement
- Low-friction liner for long blowing distances and smooth pulling during installation
- Available in 1-way, 2-way, 4-way and 7-way configurations to suit varying duct-density requirements
- High tensile load ratings for robust performance during pulling installations (170N-1700N depending on variant)
- Entirely metal-free design for compatibility across diverse environments
- Lightweight and flexible outer sheath with ripcord for easy sheath removal.



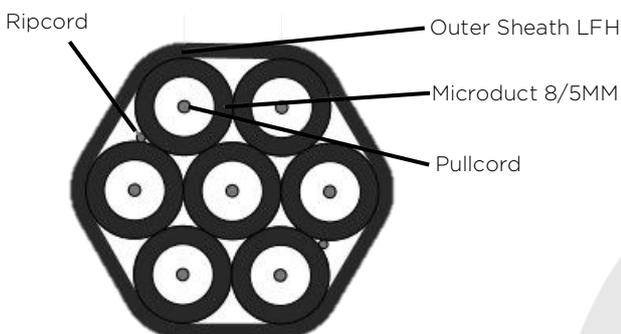
1 Way Structure



2 Way Structure



4 Way Structure



7 Way Structure

Specifications

General Specifications

Application	Data Centre, FTTX, Telecom, Road, Rail, Utility
Product Type	F-Tube
Compatibility	Pulled Fibre

Mechanical Characteristics

Structure	1 Way	2 Way	4 Way	7 Way
Dimensions	8.0mm (0.31 in)	18.2mm (0.71 in)	21.5mm (0.84 in)	26.5mm (1.04 in)
Weight	46 g/m	175 g/m	287 g/m	470 g/m
Minimum Bend Radius (note 4)	3D	13D	13D	13D
Maximum Tensile Load	170N	650N	1000N	1700N
Metal Free	Yes	Yes	Yes	Yes
Colour	Black	Black	Black	Black
Sheath Removal	Ripcord (Provided for Sheath Removal)	Ripcord (Provided for Sheath Removal)	Ripcord (Provided for Sheath Removal)	Ripcord (Provided for Sheath Removal)

Microducts

Primary Microduct(s)	1 x8/5mm, LFH, Low Friction Liner (White), Smooth Black
----------------------	---

Product Tests

Single Cable Vertical Burn	IEC 60332-1-2
Pass - Empty Microducts with Pull Cord	Test Report TR670