AIR-BLOWN FIBRE OPTIC SYSTEM
ACCESSORIES
With installation of fibres, accessories are required to ease the capability of installation. We provide accessories such as chambers, boxes, closures, fittings, connectors and tools. With an exhaustive experience spanning decades, we design, manufacture and test our accessories, ensuring that they are compatible with air-blown technology and that they offer the best value for money.

BUNDLES AND MICROPRODUCTS
For sending the fibres over distances, we have the following solutions:

**Tight protected microproducts** suitable for the installation of fibres as well as minicables. In 3mm, 5mm, 7mm and 8mm microduct diameters the bundles can contain up to 24 individual microducts. They are usually deployed in the access part of the network also known as ‘the last-mile’ – in FTTH and Campus applications, for example.

**Loose protected microducts** suitable for the installation of higher fibre count cables. They are deployed upstream in the network’s backbone and feeder part, allowing large fibre counts to be distributed quickly and easily to multiple locations.

**Bundles** are available in several types – for example, direct bury, direct install and low fire hazard – making them ideal for diverse applications such as FTTH, In-Building and Campus. They can be customised to meet specific environmental challenges too.

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<tr>
<th>Microduct size mm</th>
<th>Microcable FU</th>
<th>fibre count</th>
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<tr>
<td>3.02/1</td>
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<td>2, 4, 6, 8</td>
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<td>5.03/5</td>
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**FIBRE**
Our fibres are broadly classified into Single mode to cater to long distances and high data rates, and Multi mode for video and short distances. These easily-configurable fibres are easy to handle and deploy. Each bundle of fibres is gel-free and ready to be prepared for termination, and also reusable needing only a blow-out and blow-in.

**ACCESSORIES**
Lucky Joint Construction Pte Ltd is an authorised reseller of Emtelie products of which the FIBREFLOW passive infrastructure system has catapulted the company as the world leader in air-blown technology.

Our air-blown technology uses the flow of compressed air through the microduct to gently carry the fibre optic cable.

Some of the features and benefits are listed here:

- Lower CapEx & OpEx costs
- Increased ROI
- Reduced manpower
- Modular system
- Same-day installation
- Future-proof
- Design / Application flexibility
- Customisable
- Elimination of dead fibre

**THE FIBREFLOW SYSTEM**

**BUNDLES AND MICROPRODUCTS**

**ACCESSORIES**

**FIBRE**

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