

# Excel Enbeam Blown Fibre Tube 18 mm Clear Straight Connector with Protective Cover

Item Code: 208-837

**excel**  
without compromise.



✕ Straight connector

✕ Multiple sizes available

✕ Locking clips included

✕ Cover included

✕ 25 Year system warranty

✕ CIBSE TM65 Embodied Carbon: 0.502 kg CO2e

## Product Overview

The Enbeam Push-Fit micro duct connectors and cover has been designed for use with the Enbeam blown fibre micro duct system. All push fit connectors are made from a clear transparent body, which gives the ability to visually inspect the installed cable and that the tubes are installed and aligned correctly.

Pre-installed locking clips are included on each end of the connector to ensure tubes are locked into position ensuring a good connection is retained during the blowing process. Each connector can withstand up to 1 Joule of impact pressure and increases to 5 joules when covers are in place. It is advisable to keep the connectors away from direct sunlight.

## Product Specifications

| Feature | Values  |
|---------|---------|
| Model   | Coupler |

## Additional specifications

| Features  | Values                  |
|-----------|-------------------------|
| Materials | body<br>Clear polyamide |
| grip      | Polyoxymethylene        |
| cover     | Polyoxymethylene        |
| clips     | Polypropylene           |
| Pressure  | burst<br>25 bar         |

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|                     |                |                        |
|---------------------|----------------|------------------------|
| working             | 15 bar         |                        |
| Impact resistance   |                | 1J (or 5J) with cover) |
| UV Resistance       |                | None                   |
| Lifetime expectancy | total          | 25 years               |
| aging               | 1000h at 95° C |                        |
| Temperatures        | operating      | -15°C to +45°C         |
| installation        | -15°C to +45°C |                        |

## Standards

| Applicable standard                        | Detail  |
|--|---|
| BS EN 50411-2-8:2009                       | Fibre organisers and closures to be used in optical fibre communication systems. Product specifications. Microduct connectors, for air blown optical fibres, Type 1             |
| RoHS-II/-III (2011/65/EU & 2015/863): 2023 | Our products, demonstrate full adherence to the regulatory stipulations of the EU Directive 2011/65/EU (RoHS-II) and its corresponding delegated directive 2015/863 (RoHS-III). |
| WFD: 2023                                  | Compliant to Waste Framework Directive  |
| SCIP: 2023                                 | Compliant - Does Not Contain Substances of Concern In articles as such or in complex objects (Products)   |
| POPs (EU) No 2019/1021                     | EU Regulation for the restriction of Persistent Organic Pollutants.   |

## Part Number Table

| Part Number | Description  |
|-------------|--|
| 208-835     | Excel Enbeam Blown Fibre Tube 14 mm Clear Straight Connector with Protective Cover |
| 208-836     | Excel Enbeam Blown Fibre Tube 16 mm Clear Straight Connector with Protective Cover |
| 208-837     | Excel Enbeam Blown Fibre Tube 18 mm Clear Straight Connector with Protective Cover |

Excel is a world class premium performing end to end infrastructure solution designed, Manufactured, supported and delivered without compromise.

Contact us at [sales@excel-networking.com](mailto:sales@excel-networking.com)



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