Excel Enbeam Blown Fibre Tube 10 mm Clear Straight Connector

Part Code: 208-831

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Main Features

/ Straight connector

/ Multiple sizes available

/ Locking clips included

/ 25-year system warranty

Product Overview

The Enbeam Push-Fit micro duct connectors are 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 be reused if required. It is advisable to keep the connectors away from direct sunlight.

Product Specifications

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Feature	Values
Model	**Coupler**

Additional specifications

Features		Values
Materials	**body**	**Clear polyamide**
	grip	**Polyoxymethylene**
	clips	**Polypropylene**
Pressure	**burst**	**25 bar**
	working	**15 bar**
Impact resistance		**1J**
UV Resistance		**None**
Lifetime expectancy	**total**	**25 years**
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
Directive 2011/65/EU (RoHS II)	Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment — compliant. Applies within EU member states).

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Directive (EU) 2015/863 (RoHS III)	Amending Directive 2011/65/EU to add four phthalates (DEHP, BBP, DBP, DIBP) to Annex II — compliant.
Directive 2008/98/EC (WFD)	Waste Framework Directive — compliant. Implemented in the UK through the Waste (England and Wales) Regulations 2011 (SI 2011 No. 988).
ECHA SCIP Database	Compliant; product does not contain SVHCs (Substances of Very High Concern) as defined under REACH Article 33(1). Submission obligations met under EU REACH and UK REACH.
Regulation (EU) 2019/1021 (POPs)	EU Regulation on Persistent Organic Pollutants — compliant. For Great Britain, compliance is aligned with the Persistent Organic Pollutants (Amendment) (EU Exit) Regulations 2020 (SI 2020 No. 1355).
UK SI 2012 No. 3032	The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (UK RoHS) — compliant for Great Britain. Retained EU law, as amended by the Product Safety and Metrology (Amendment etc.) (EU Exit) Regulations 2019.

Part Code Table

Part Code	Description
208-820	**Excel Enbeam Blown Fibre Tube 5mm Clear Straight Connector**
208-830	**Excel Enbeam Blown Fibre Tube 7 mm Clear Straight Connector**
208-831	**Excel Enbeam Blown Fibre Tube 10 mm Clear Straight Connector**
208-832	**Excel Enbeam Blown Fibre Tube 14 mm Clear Straight Connector**
208-833	**Excel Enbeam Blown Fibre Tube 16 mm Clear Straight Connector**
208-834	**Excel Enbeam Blown Fibre Tube 18 mm Clear Straight Connector**

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