

Excel Enbeam Blown Fibre Tube Reducer 6 mm to 4 mm

Part Code: 208-827

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Main Features

- / Reducer
- / Locking clips included
- / Multiple sizes available
- / 25-year system warranty

Product Overview

The Enbeam Push-Fit micro duct reducers are designed for use with the Enbeam blown fibre micro duct system and used to reduce the size of micro duct down to a smaller diameter tube as required. 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 reducer 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
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Additional specifications

Features		Values
Materials	body	Clear polyamide
	grip	Polyoxymethylene
	cover	Polyoxymethylene
	clips	Polypropylene
Pressure	burst	25 bar
	working	15 bar
Impact resistance		1J (or 5J with cover)
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
208-826	Excel Enbeam Blown Fibre Tube Reducer 5 mm to 3 mm
208-827	Excel Enbeam Blown Fibre Tube Reducer 6 mm to 4 mm
208-840	Excel Enbeam Blown Fibre Tube Reducer 7 mm to 5 mm
208-841	Excel Enbeam Blown Fibre Tube Reducer 14 mm to 12 mm
208-842	Excel Enbeam Blown Fibre Tube Reducer 16 mm to 14 mm
208-843	Excel Enbeam Blown Fibre Tube Reducer 12 mm to 10 mm
208-844	Excel Enbeam Blown Fibre Tube Reducer 14 mm to 10 mm