



☒ Reducer

☒ Multiple sizes available

☒ Locking clips included

☒ 25 Year system warranty

☒ CIBSE TM65 Embodied Carbon: 0.254 kg CO₂e

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

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

Excel Enbeam Blown Fibre Tube Reducer 14 mm to 10 mm

Item Code: 208-844



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. Microuduct 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
208-826	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

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

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