Excel Enbeam Optical Fibre Connector ST Simplex OS2 Singlemode Blue

Part Code: 200-319

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CIBSE TM65 Embodied Carbon: 0.037 kg CO2e



Main Features

- / High precision Ceramic Ferrules
- / Die-cast metal construction
- / 25 Year system warranty
- / Pre-radiused ferrules
- / 900 micron and 3mm boot & crimp included
- / CIBSE TM65 Embodied Carbon: 0.037 kg CO2e

Product Overview

Enbeam STII single piece connectors are designed for quick and easy termination either on-site or in the factory. Suitable for use with both loose tube and tight buffered cable, can be used with the cold cure termination system detailed in this section.

Product Specifications

Feature	Values

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Model	**Connector**
Suitable for type of fibre	**Single mode**
Type of connector	**ST**
APC-type	**no**
Connection type	**adhere (glue)**
Material of ferrule	**Metal**

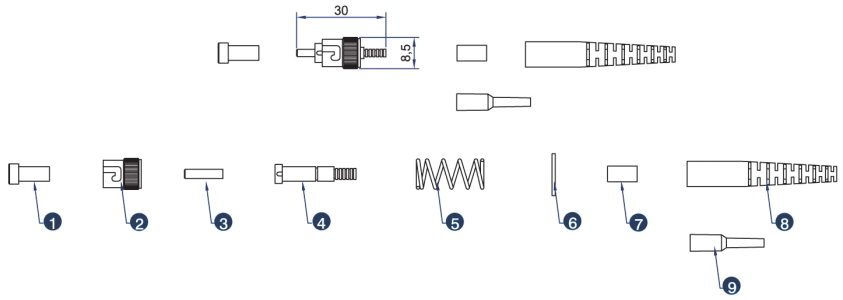
Additional specifications

Features	Multimode	Singlemode
Insertion Loss	**0.3dB Max.**	**0.3dB Max.**
3mm Boot Colour	**Black**	**Black**
0.9mm Boot Coloue	**Beige**	**Blue**
Durability	**1000 matings**	**1000 matings**
Ferrule Material	**Zirconia**	**Zirconia**
Ferrule Diameter	**2.5mm +/- 0.001**	**2.5mm +/- 0.001**
Ferrule Hole Diameter	**127 +/- 0.5 um**	**126 +/- 0.5 um**
Ferrule Pre-Radius	**10 to 25mm**	**10 to 25mm**
Connector material	**Die-cast Zinc**	**Die-cast Zinc**
Plating	**Nickel**	**Nickel**
Operating Temperature	**-40 to 85C**	**-40 to 85C**

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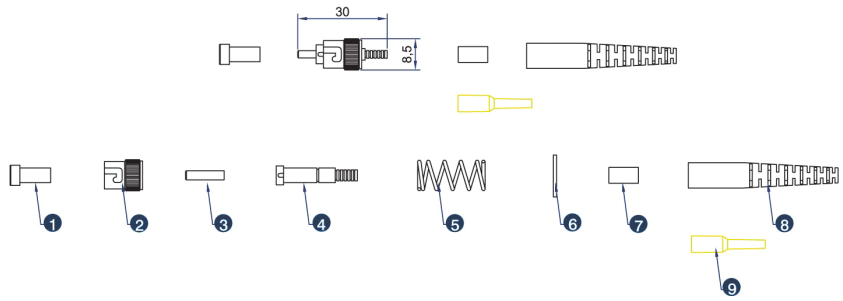
Product drawings

Multimode



1. Dust cover
2. Housing
3. Multimode Ferrule
4. Flange
5. Spring
6. Buckle
7. ST 3.0 Crimp
8. ST 3.0 Black boot
9. ST 0.9 Black boot

Singlemode



1. Dust cover
2. Housing
3. Singlemode Ferrule
4. Flange
5. Spring
6. Buckle
7. ST 3.0 Crimp
8. ST 3.0 Black boot
9. ST 0.9 Yellow boot

Standards

Applicable standard	Detail
IEC 61754-2:1996	Fibre optic connector interfaces - Part 2: Type BFOC/2,5 connector family
IEC 61300-2-2:2009	Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-2: Tests – Mating durability
IEC 61753-1:2018	Fibre optic interconnecting devices and passive components - Performance standard - Part 1: General and guidance
Directive 2011/65/EU (RoHS II)	Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment — compliant. Applies

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	within EU member states).
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
200-319	**Excel Enbeam Optical Fibre Connector ST Simplex OS2 Singlemode Blue**
200-330	**Excel Enbeam Optical Fibre Connector ST Simplex OM1/OM2 Multimode Beige**
200-330-100	**Excel Enbeam Optical Fibre Connector ST Singlemode (100-Pack)**

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