

# Excel Enbeam Optical Fibre Connector ST Simplex OS2 Singlemode Blue

Part Code: 200-319

sales@excel-networking.com  
excel-networking.com

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

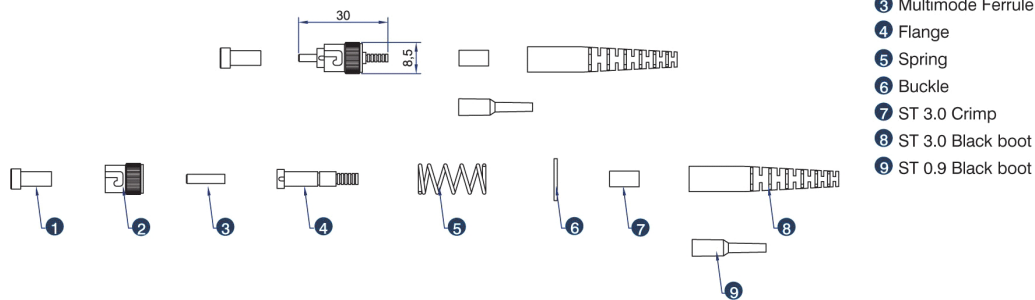
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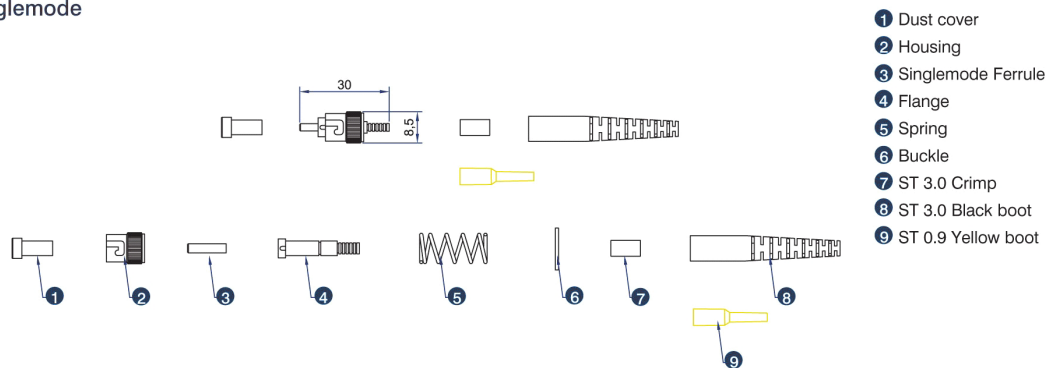
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## Product drawings

### Multimode



### Singlemode



## 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	<b>Excel Enbeam Optical Fibre Connector ST Simplex OS2 Singlemode Blue</b>
200-330	<b>Excel Enbeam Optical Fibre Connector ST Simplex OM1/OM2 Multimode Beige</b>
200-330-100	<b>Excel Enbeam Optical Fibre Connector ST Singlemode (100-Pack)</b>