



- ☒ High precision Ceramic Ferrules
- ☒ Pre-radiused ferrules
- ☒ Die-cast metal construction
- ☒ 900 micron and 3 mm boot & crimp included
- ☒ 25 Year system warranty
- ☒ 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

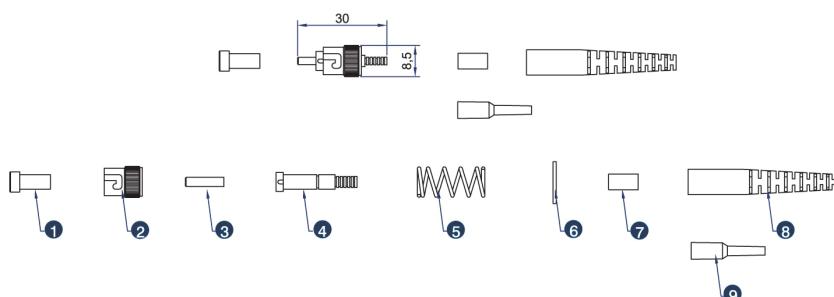
Feature	Values
Model	Connector
Suitable for type of fibre	Multi mode
Type of connector	ST
APC-type	no
Connection type	adhere (glue)
Material of ferrule	Metal

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

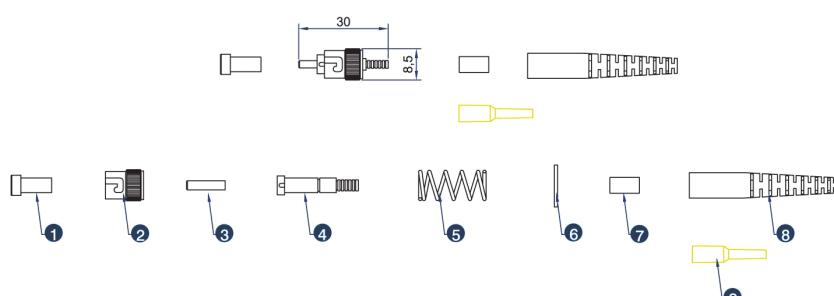
Product drawings

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
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
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)

Excel is a world class premium performing end to end infrastructure solution designed, Manufactured, supported and delivered without compromise.

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