# Excel Enbeam Optical Fibre Connector ST Singlemode (100-Pack)

Item Code: 200-330-100

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

## 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 |

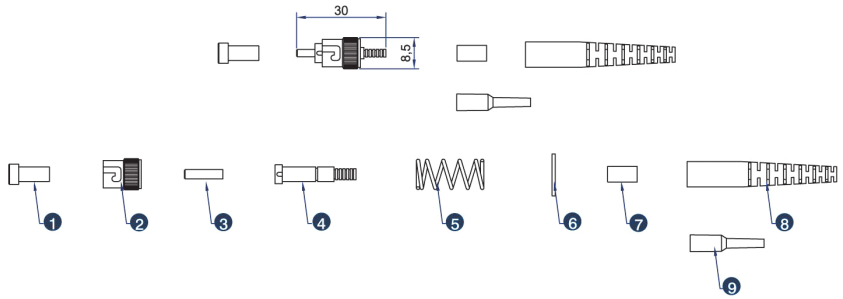
## Additional specifications

| 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 |

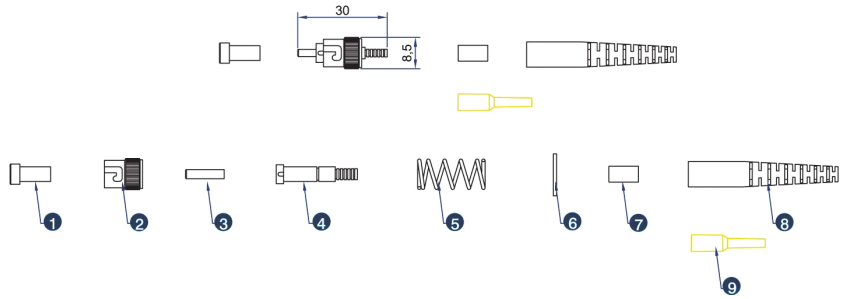
## Product drawings

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
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4. Flange
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## 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) |

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Contact us at sales@excel-networking.com

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