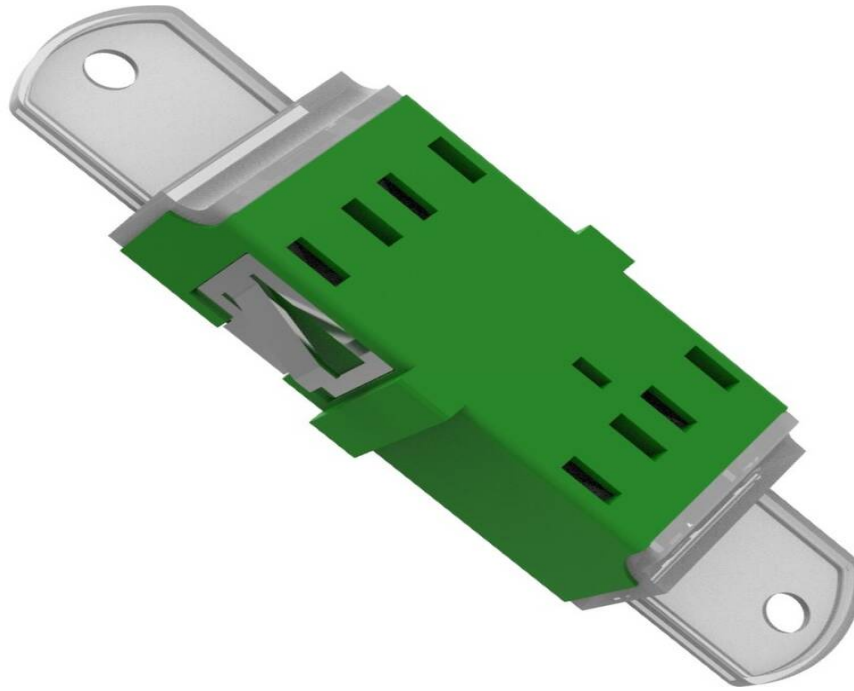


# Excel Enbeam LC APC Duplex OS2 Singlemode Flangeless Adaptor Green

Part Code: 905-000

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



## Main Features

- / 25 year system warranty
- / SC and LC versions
- / Dust caps included
- / Plastic free packaging

## Product Overview

Excel Enbeam fibre optic adaptors have been designed to present a range of optic fibre connectors. The adaptors are constructed to allow fitting in the bulkheads without screws. The housings are manufactured from a range of plastics and metals selected to provide the optimum performance.

## Product Specifications

| Feature                    | Values      |
|----------------------------|-------------|
| Suitable for type of fibre | Single mode |

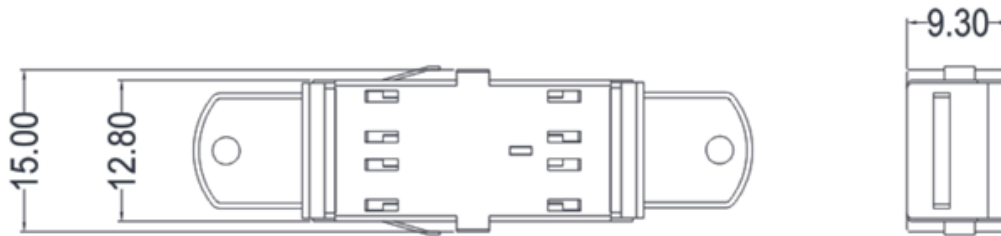
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|                                |           |
|--------------------------------|-----------|
| Type of connector connection 1 | LC duplex |
| Material housing               | Plastic   |
| APC-type                       | yes       |

## Product drawing



## Additional specifications

| Features                          | Values                     |
|-----------------------------------|----------------------------|
| Insertion Loss                    | <0.10 dB                   |
| Durability                        | 500 matings                |
| Coupling Tensile                  | 80 N                       |
| Operating Temperature             | -40°C-85°C                 |
| Storage Temperature               | -40°C-85°C                 |
| Durability IEC 61300-2-2          | IL change less than 0.2 dB |
| Vibration IEC 61300-2-1           | IL change less than 0.2 dB |
| Tensile IEC 61300-2-4             | IL change less than 0.2 dB |
| Temperature change IEC 61300-2-22 | IL change less than 0.2 dB |

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## Standards

| Applicable standard                | Detail   |
|------------------------------------|--|
| IEC 61300-2-22                     | Fibre optic interconnecting devices and passive components - Basic test and measurement procedures<br>Change of temperature  |
| IEC 61300-3-4:2012                 | Fibre optic interconnecting devices and passive components - Basic test and measurement procedures<br>Attenuation  |
| IEC 61300-2-2                      | Fibre optic interconnecting devices and passive components - Basic test and measurement procedures<br>Mating durability  |
| IEC 61754-20:2012                  | Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 20:<br>Type LC connector family   |
| Directive 2011/65/EU (RoHS II)     | Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment — compliant. Applies 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) |

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Regulations 2019.

## Part Code Table

| Part Code | Description  |
|-----------|--|
| 905-000   | Excel Enbeam LC APC Duplex OS2 Singlemode Flangeless Adaptor Green |