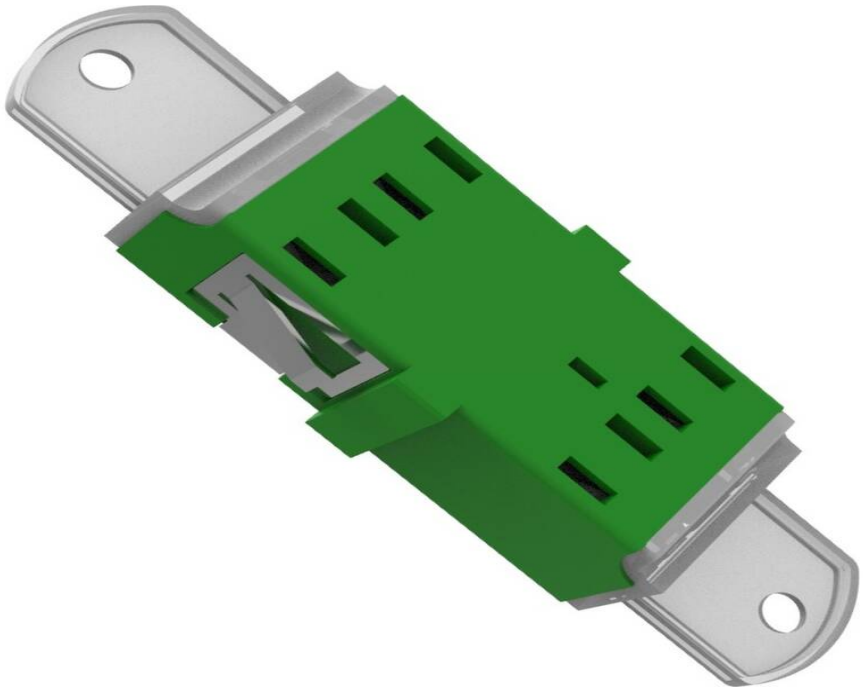
Excel Enbeam LC APC Duplex OS2 Singlemode Flangeless Adaptor Green

Part Code: 905-000

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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.

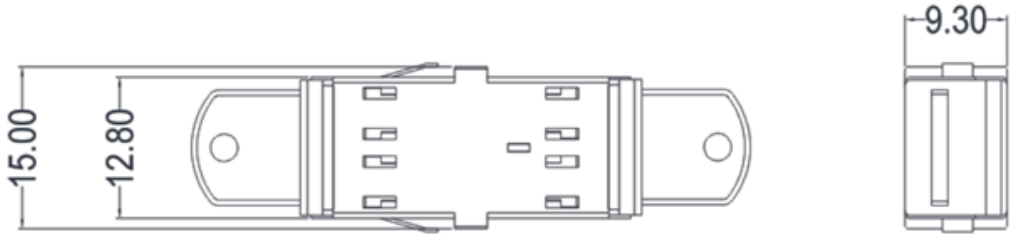
Product Specifications

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**
Temprature 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 Change of temperature
IEC 61300-3-4:2012	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures Attenuation
IEC 61300-2-2	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures Mating durability
IEC 61754-20:2012	Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 20: 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**

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