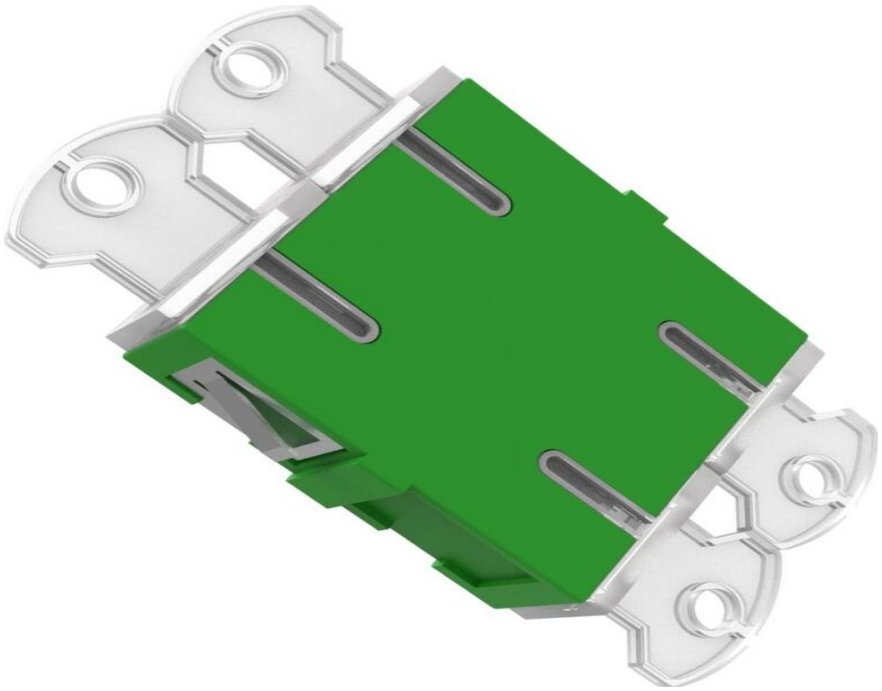
Excel Enbeam SC APC Duplex OS2 Singlemode Flangeless Adaptor Green

Part Code: 906-000

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.

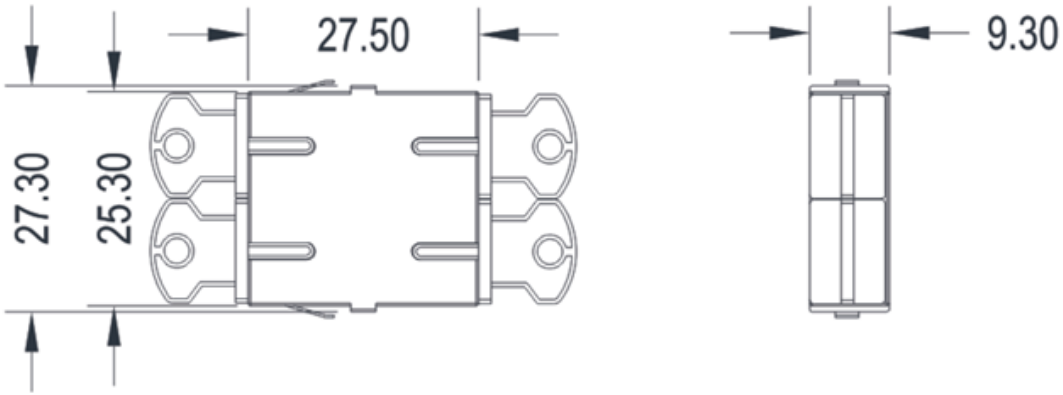
Product Specifications

Feature	Values
Suitable for type of fibre	**Single mode**

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Type of connector connection 1	**SC duplex**
Material housing	**Plastic**
APC-type	**yes**

Product drawing



Additional specifications

Features	Values
Insertion Loss	**<0.10 dB**
Durability	**500 matings**
Coupling Tensile	**100 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**

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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**

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)

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	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
906-000	**Excel Enbeam SC APC Duplex OS2 Singlemode Flangeless Adaptor Green**

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