

Excel Enbeam 1x 16 SC/APC LGX PLC Splitter

Item Code: 208-913



LGX style 118 mm mount

DIN rail mounting option

APC connections

25 Year system warranty

CIBSE TM65 Embodied Carbon: 2.304 kg CO2e

Product Overview

The Enbeam LGX-style splitter has been designed to house a Planar Lightwave Circuit (PLC) splitter with SCA connections. This module has 1 input and 8 output ports. The LGX housing has been designed to fit the Excel 3U (208-029) panels.

These modules can also be fitted with a DIN rail mounting bracket, allowing this unit to be mounted to any 35 mm DIN rail.

Product Specifications

| Feature | Values |
|----------|--------|
| Material | Metal |

Additional specifications

| Features | All | 1x4 | 1x8 | 1x16 | 1x32 |
|----------------------------|-------------------|------|------|------|------|
| Operating wavelength | 1260 to 1650 nm | | | | |
| Fibre type | G657A2 | | | | |
| Temperature stability (dB) | (-40 °C to 85 °C) | ≤0.4 | ≤0.4 | ≤0.5 | ≤0.5 |
| Storage temperature | -40 °C to 85 °C | | | | |
| Return loss | ≥55 dB | | | | |
| Directivity | >55 dB | | | | |

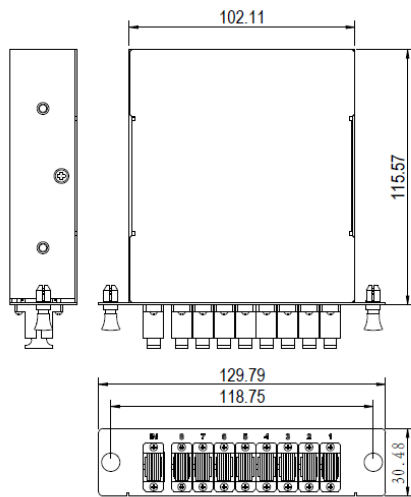
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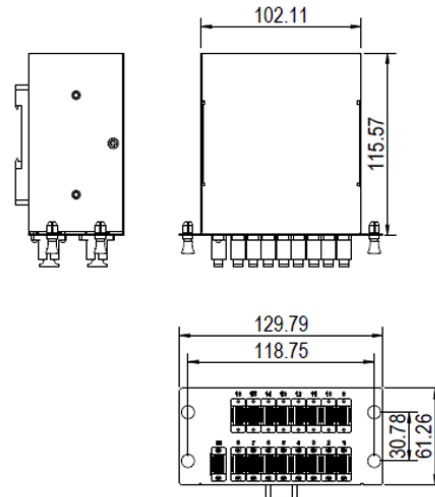
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| | | | | |
|--------------------------------|---------|-----------|-----------|-----------|
| Wavelength dependent Loss (dB) | 0.3 | 0.3 | 0.3 | 0.5 |
| Insertion loss P/S Grade (dB) | 7.2/7.4 | 10.3/10.7 | 13.5/13.7 | 16.5/16.9 |
| Maximum power handling | 500 mW | | | |

Product drawings



200-912



200-913

Standards

| Applicable standard | Detail |
|------------------------------------|--|
| 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. |
| IEC 61754-1:2013 | Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 1: General and guidance |
| ISO/IEC 11801-1:2017 | Information technology - Generic cabling for customer premises: Part 1 General Requirements |

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EN 50173-1:2018

Information technology. Generic cabling systems - General requirements

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) Regulations 2019.

Part Number Table

| Part Number | Description |
|-------------|--|
| 208-912 | Excel Enbeam 1x 8 SC/APC LGX PLC Splitter |
| 208-913 | Excel Enbeam 1x 16 SC/APC LGX PLC Splitter |

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

Contact us at sales@excel-networking.com



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