



✗ LGX style 118 mm mount

✗ DIN rail mounting option

✗ APC connections

✗ 25 Year system warranty

✗ CIBSE TM65 Embodied Carbon: 1.915 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 1U (208-028) and 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 | | | | |
| Wavelength dependent | | 0.3 | 0.3 | 0.3 | 0.5 |

Excel Enbeam 1x 8 SC/APC LGX PLC Splitter

Item Code: 208-912

excel
without compromise.

Loss (dB)

Insertion loss
P/S Grade (dB)

7.2/7.4

10.3/10.7

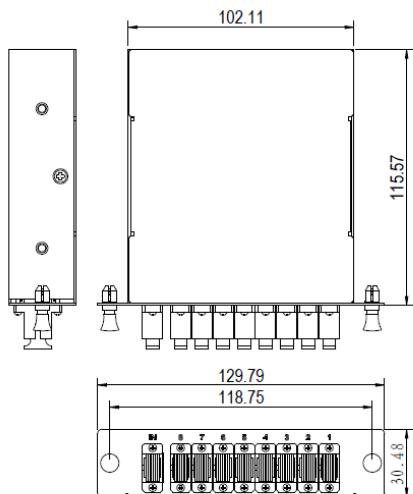
13.5/13.7

16.5/16.9

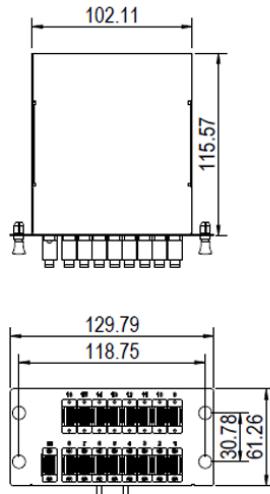
Maximum
power
handling

500 mW

Product drawings



2 0 0 - 9 1 2



2 0 0 - 9 1 3

Standards

| Applicable standard | Detail |
|--|---|
| 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). |
| 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 |
| EN 50173-1:2018 | Information technology. Generic cabling systems - General requirements |
| 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 |
|-------------|--|
| 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

E&OE. Excel is a registered trade name of Mayflex Holdings Ltd.

