

# Excel Enbeam 1x 8 SC/APC LGX PLC Splitter



Item Code: 208-912



- ✕ 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  |

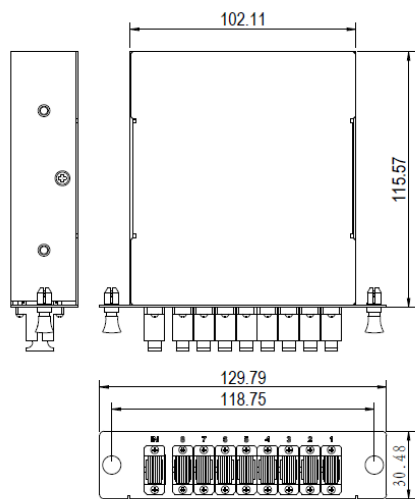
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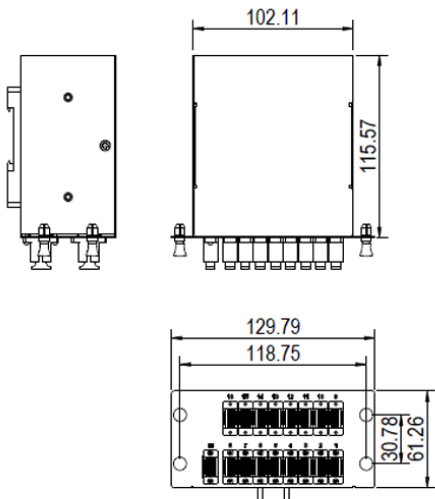
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|                        |        |         |           |           |           |
|------------------------|--------|---------|-----------|-----------|-----------|
| Loss (dB)              |        |         |           |           |           |
|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

Product drawings



200 - 912



200 - 913

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  |

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|                        |   |
|------------------------|---|
| 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.

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