



✗ 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

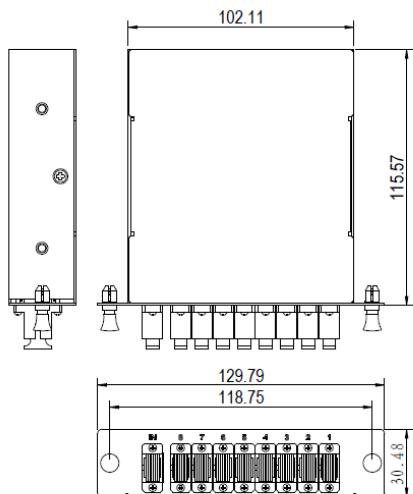
13.5/13.7

16.5/16.9

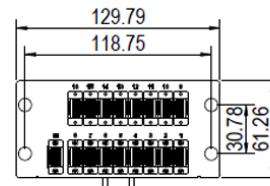
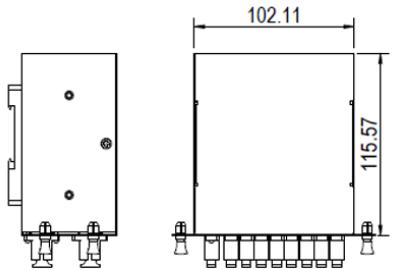
Maximum
power
handling

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.

