

# 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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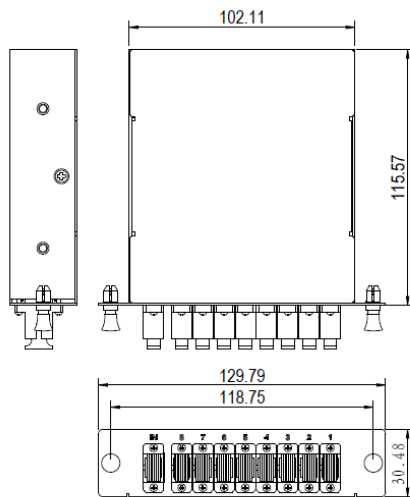
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Loss (dB)

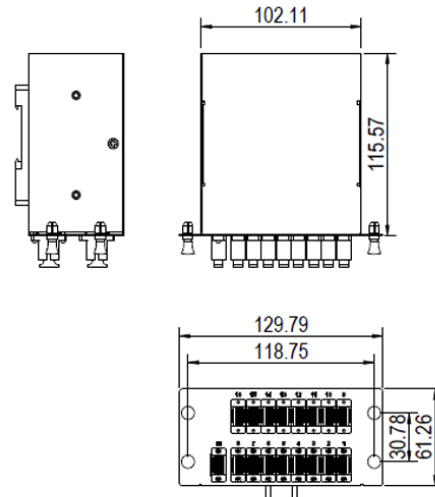
Insertion loss	7.2/7.4	10.3/10.7	13.5/13.7	16.5/16.9
P/S Grade (dB)				

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.

Contact us at [sales@excel-networking.com](mailto:sales@excel-networking.com)



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