Excel Enbeam 1x 8 SC/APC LGX PLC Splitter

Part Code: 208-912

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CIBSE TM65 Embodied Carbon: 1.915 kg CO2e



Main Features

- / LGX style 118 mm mount
- / APC connections
- / CIBSE TM65 Embodied Carbon: 1.915 kg CO2e
- / DIN rail mounting option
- / 25 Year system warranty

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

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Feature	Values
Material	**Metal**

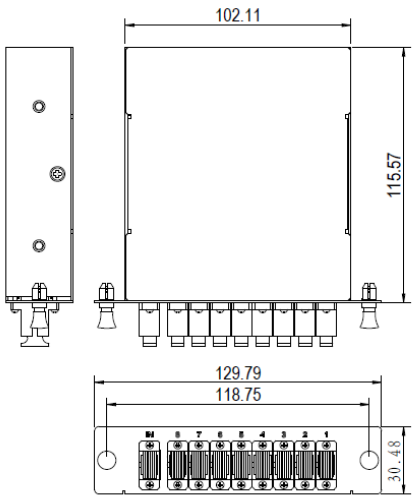
Additional specifications

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 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**				

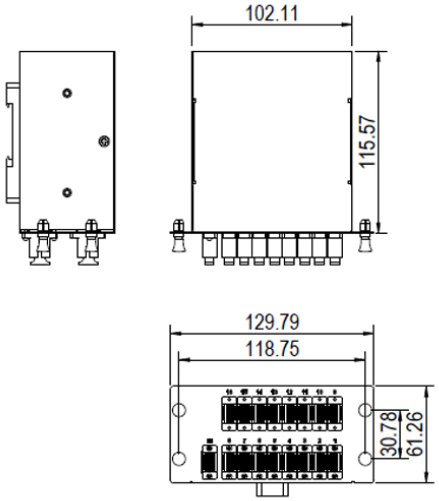
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Product drawings



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
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)

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	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 Code Table

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

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