Excel Enbeam 1x 32 SC/APC Splitter Panel

Part Code: 208-918

sales@excel-networking.com
excel-networking.com



Main Features

- Port identification numbers
- 1U rack space design
- 25 Year System Warranty
- Sliding drawer on ball bearing runners
- Recessed adaptors

Product Overview

The Excel Enbeam 1 x 32-way SCAPC Splitter Panels are sliding drawer 'tray style' housings suitable for 1U of rack space. Each panel is manufactured from high quality 2mm thick steel with a powder coat finish to provide a strong and durable unit.
Outgoing SC APC adaptors are presented from right to left and numbered from 1 to 32 with the incoming port to the right of the panel. The PLC Splitter is housed inside the panel in an ABS housing to protect it against accidental damage.

The Enbeam Planar Lightwave Circuit (PLC) Splitter is fabricated using silica optical waveguide technology. Its compact size, high reliability, wide operating wavelength and good channel-to-channel uniformity is widely used in Passive Optical Networks (PON). Excel provides whole series of 1xN splitter products that are tailored for specific applications. All products meet GR-1209-CORE and GR-1221-CORE requirements.

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Product Specifications

Feature	Values
Suitable for number of fibre cores	**32**
Loaded with number of couplings/adapters	**33**
Fibre type	**Single mode**
Fibre class	**OS2**
APC-type	**yes**
Type of connector external	**SC**
Type of connector interior	**SC**
Colour	**Black**
RAL-number	**9005**
Mounting method	**482.6 mm (19 inch) mounting**
Number of rack units (RU)	**1**
Height	**43.5 mm**
Width	**483 mm**
Depth	**219.5 mm**

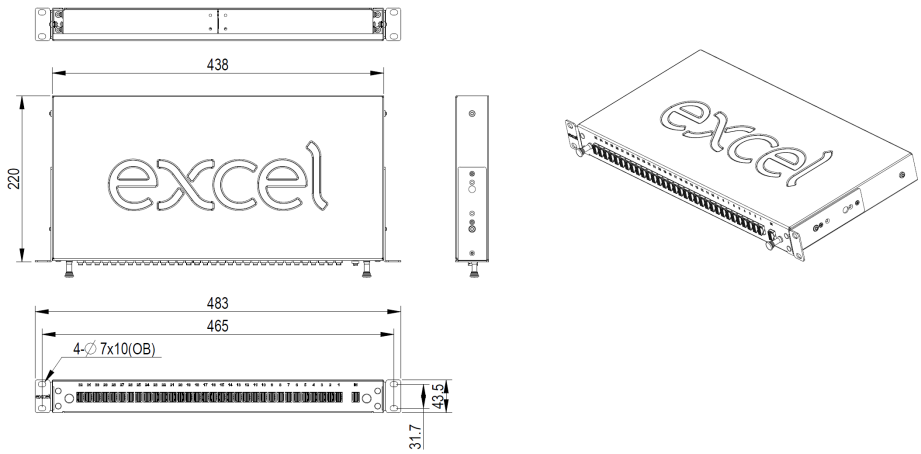
Additional specifications

Features		Values
Operating wavelength		**1260 to 1650 nm**
Fibre type		**G657A2**
Temperature stability (dB)	**(-40°C to 85°C)**	**≤0.5**
Storage temperature		**-40°C to 85°C**

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Return loss	**≥55 dB**
Directivity	**>55 dB**
Wavelength dependent Loss (dB)	**0.5**
Insertion loss P/S Grade (dB)	**16.5/16.9**
Maximum power handling	**500 mW**
Add an additional 0.2dB loss per connector	

Product drawing



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.

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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) 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
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