



☒ Port identification numbers

☒ Sliding drawer on ball bearing runners

☒ 1U rack space design

☒ Recessed adaptors

☒ 25 Year System Warranty

Product Overview

The Excel Enbeam 1 x 32-way SC/APC 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.

Product Specifications

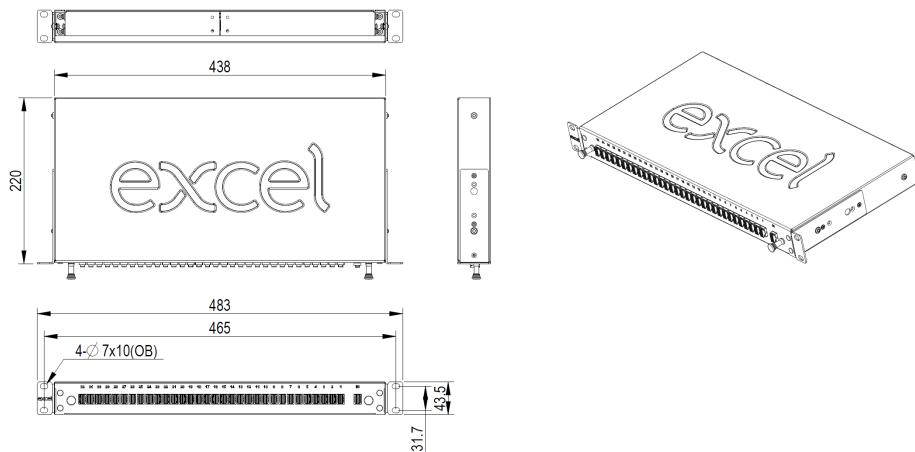
Feature	Values
Suitable for number of fibre cores	32
Loaded with number of couplings/adapters	33
Fibre type	Single mode
Fibre class	OS2
APC-type	yes
Type of connector external	SC
Type of connector interior	SC
Colour	Black
RAL-number	9005
Mounting method	482.6 mm (19 inch) mounting

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
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
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
208-918	Excel Enbeam 1x 32 SC/APC Splitter Panel

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.

