

# Excel Enbeam 1x 32 SC/APC Splitter Panel

Item Code: 208-918



✕ 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 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.

## 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 |

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|                           |          |
|---------------------------|----------|
| Number of rack units (RU) | 1        |
| Height                    | 43.5 mm  |
| Width                     | 483 mm   |
| Depth                     | 219.5 mm |

## Additional specifications

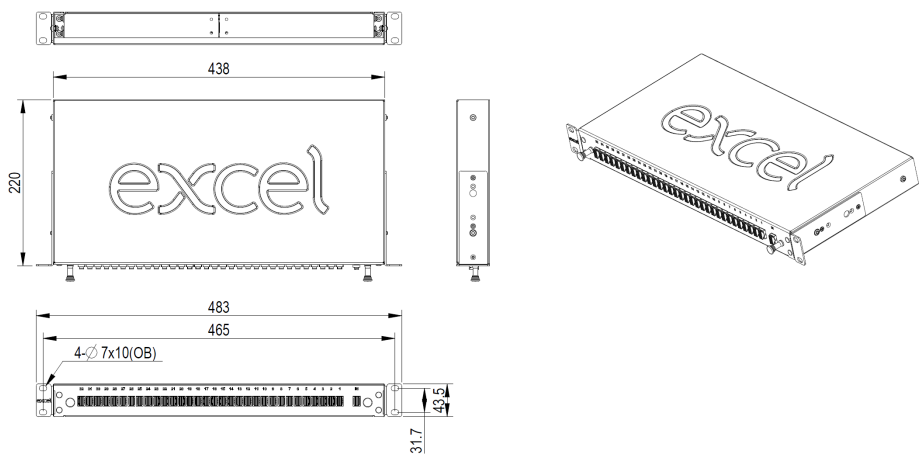
| Features                                       | Values          |
|--|-----------------|
| Operating wavelength                           | 1260 to 1650 nm |
| Fibre type                                     | G657A2          |
| Temperature stability (dB) (-40°C to 85°C)     | ≤0.5            |
|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

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## 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.   |

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## Part Number Table

| Part Number | Description                              |
|-------------|--|
| 208-918     | Excel Enbeam 1x 32 SC/APC Splitter Panel |

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



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