# Excel Enbeam 24 Way Singlemode OS2 Fibre Optic Panel 12 ST Simplex (12 Fibre)

**Part Code: 200-429**

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## Main Features

- / Multimode and Singlemode
- / 1U rack space design
- / Multiple cable entry to rear
- / Choice of port density
- / Adjustable fixing arms included
- / Sliding drawer on ball bearing runners

## Product Overview

The Excel range of ST patch panels are sliding drawer 'tray style' housings suitable for either direct termination or splicing of up to 24 fibres in 1U of rack space. Each panel is manufactured from high quality 2mm thick steel with a black powder coat finish to provide a strong and durable unit. To the front of the patch panel the specified number of ST adaptors are loaded from left to right.

Each adaptor is fitted with a colour coded dust cap, black for multimode, red for singlemode. Each adaptor accommodates one terminated fibre. Each panel has included within it a set of adjustable fixing brackets, and a cable management pack which includes cable entry glands, cable ties, and a 24-way splice bridge.

Note that ST panels can be assembled to order using a combination of adaptors, pigtails and splice cassettes - call to enquire


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## Product Specifications

| Feature | Values |
|---|---|
| Suitable for number of fibre cores | **24** |
| Suitable for number of module inserts | **24** |
| Loaded with number of couplings/adapters | **12** |
| With pigtails | **no** |
| Fibre type | **Single mode** |
| Fibre class | **OS2** |
| APC-type | **no** |
| Type of connector external | **ST** |
| Type of connector interior | **ST** |
| 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

| Feature | Value |
|---|---|
| Operating Temprature | **-40 to +80 °C** |
| IP Rating | **IP20** |


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| | |
|---|---|
| Cable Entry 20mm | **2** |
| Cable Entry 25mm | **2** |
| Material | **Cold rolled steel** |
| Material Thickness | **1.2 mm** |
| Material Coating | **Powder coating** |
| RoHs Compliant Adaptor | **Yes** |
| Designed in accordance with | **ISO/IEC 11801, IEC60304,IEC61754, TIA/EIA 568.D** |

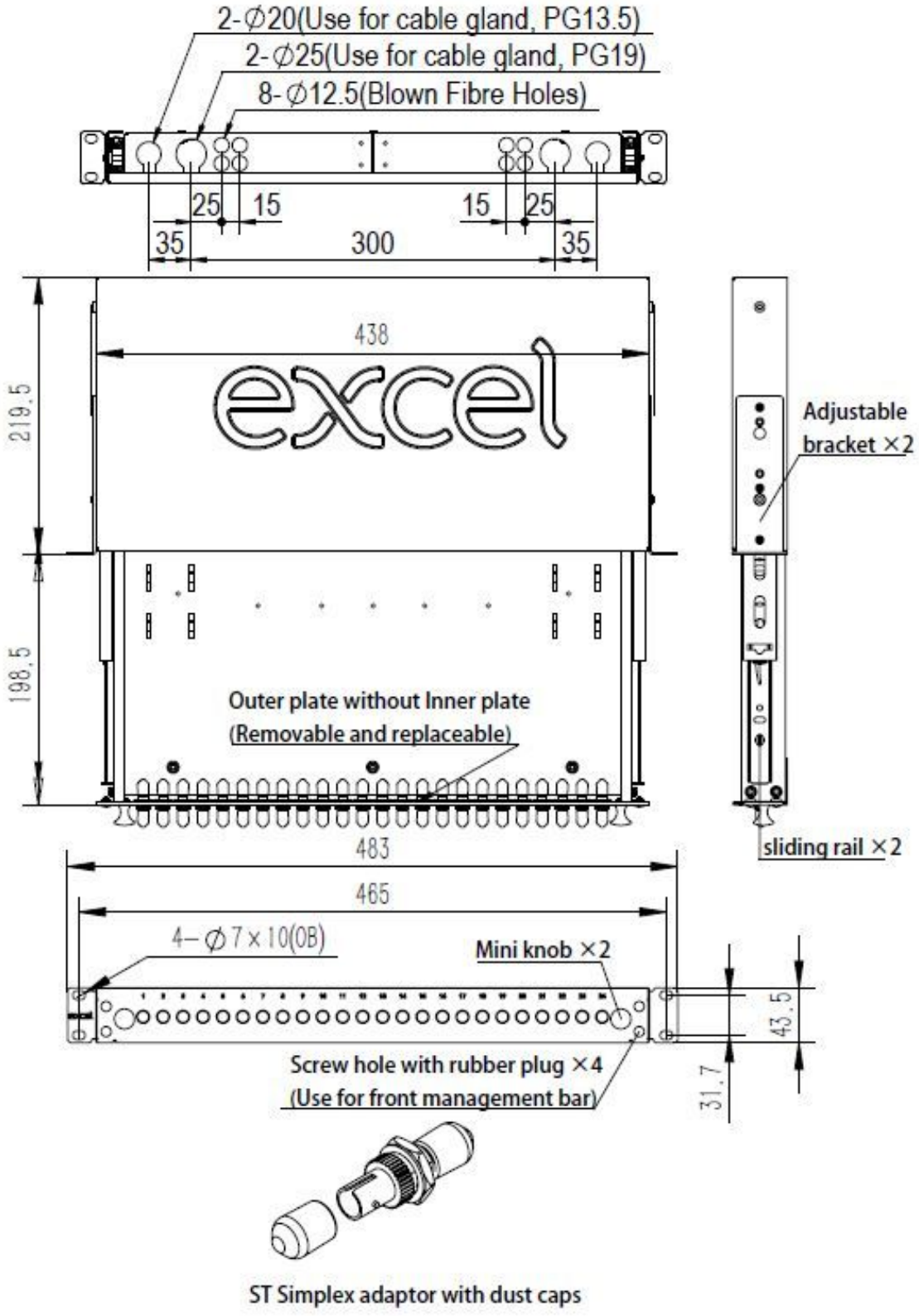
## Included accessories

| Accessories | Quantity |
|---|---|
| Cable Gland (PG 13.5) | **1** |
| Cable Gland( PG 19) | **1** |
| Nylon cable tie | **7** |
| Adjustable cable tie | **4** |
| 24 Position splice holder | **1 to 3 Dependant on fibre count** |
| Label holder (210 x 9.2 mm) | **2** |
| Mounting twist tie | **4** |
| Cage nuts and screws | **1 pack** |


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## Product drawings


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ST Simplex adaptor with dust caps


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## Standards

| Applicable standard | Detail |
|---|---|
| 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). |
| 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. |
| 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 |
|---|---|
| 200-377 | **Excel Enbeam 24 Way Multimode OM2 Fibre Optic Panel 4 ST (4 Fibre)** |
| 200-378 | **Excel Enbeam 24 Way Multimode OM2 Fibre Optic Panel 8 ST (8 Fibre)** |
| 200-379 | **Excel Enbeam 24 Way Multimode OM2 Fibre Optic Panel 12 ST (12 Fibre)** |


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|---|---|
| 200-382 | **Excel Enbeam 24 Way Multimode OM2 Fibre Optic Panel 16 ST (16 Fibre)** |
| 200-384 | **Excel Enbeam 24 Way Multimode OM2 Fibre Optic Panel 24 ST (24 Fibre)** |
| 200-427 | **Excel Enbeam 24 Way Singlemode OS2 Fibre Optic Panel 4 ST Simplex (4 Fibre)** |
| 200-428 | **Excel Enbeam 24 Way Singlemode OS2 Fibre Optic Panel 8 ST Simplex (8 Fibre)** |
| 200-429 | **Excel Enbeam 24 Way Singlemode OS2 Fibre Optic Panel 12 ST Simplex (12 Fibre)** |
| 200-430 | **Excel Enbeam 24 Way Singlemode OS2 Fibre Optic Panel 16 ST Simplex (16 Fibre)** |
| 200-431 | **Excel Enbeam 24 Way Singlemode OS2 Fibre Optic Panel 24 ST Simplex (24 Fibre)** |


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