





## **Product Overview**

The Excel range of SC patch panels are sliding drawer "tray style" housings suitable for either direct termination or splicing of up to 48 fibre using SC duplex or 96 when using LC quad connections in a 1U space. Each panel is manufactured from a mix of 2 mm thick steel with a powder coated finish and a high-density polycarbonate sliding tray, offering a lightweight, strong durable unit.

To the front of the patch panel the specified number of duplex/quad adaptors are loaded from left to right. Each panel utilises colour coded adaptors, beige, aqua and violet for multimode, blue for single mode and green for SM APC. Each duplex/quad adaptor accommodates two to 4 terminated fibres.

Note that this panel only accepts flangeless SC/LC adaptors and can be assembled to order using a combination of adaptors, pigtails and splice cassettes - call to enquire.

## **Product Specifications**

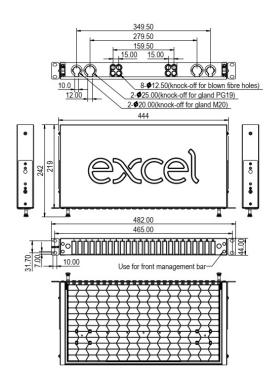
| Feature                               | Values            |
|---------------------------------------|-------------------|
| Suitable for number of fibre cores    | 96                |
| Suitable for number of module inserts | 24                |
| With pigtails                         | no                |
| APC-type                              | no                |
| Type of connector external            | SC duplex/LC quad |



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| Type of connector interior | SC duplex/LC quad        |
|----------------------------|--------------------------|
| Colour                     | Black                    |
| RAL-number                 | 9005                     |
| Mounting method            | 482mm (19 inch) mounting |
| Number of rack units (RU)  | 1                        |
| Height                     | 44 mm                    |
| Width                      | 482 mm                   |
| Depth                      | 219 mm                   |

# **Product drawings**





# **Additional specifications**

| Feature                          | Value   |
|----------------------------------|---|
| Operating Temprature             | -40 to +80 °C                                   |
| IP Rating                        | IP20  |
| Cable Entry 20 mm                | 2   |
| Cable Entry 25 mm                | 2   |
| Blown Fibre entry                | 8   |
| Material                         | Colds rolled steel and polycarbonate            |
| Material Thickness               | 1 mm  |
| Material Coating (Metal)         | Powder coating                                  |
| Polycarbonate Material Thickness | Verious   |
| 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        |
| 24 Position splice holder | 4        |
| Adjustable cable tie      | 2        |
| Mounting twist tie        | 4        |
| Cage nuts and screws      | (1-Pack) |
| SC duplex blanks          | 24       |

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#### 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). |
| 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   |
|-------------|---|
| 200-951-HB  | Excel Enbeam 24 Way SC Duplex/LC Quad Fibre Optic Panel Empty |

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.