# Excel ConSolidation Enclosure Residential Network Cabinet 453mm x 430 mm x 160 mm Light Grey

**Part Code: 100-658**

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CIBSE TM65 Embodied Carbon: 48.443 kg CO2e



## Main Features

/ Compact design

/ Lockable front door

/ Use p/n 100-753 Keystone Frame for mounting Keystone Jacks

/ Integrated cable tie points

/ Two level mounting area

/ CIBSE TM65 Embodied Carbon: 48.443 kg CO2e

## Product Overview

Excel Environ Consolidation Enclosure Residential Network cabinet 453 mm x 430 mm x 160 mm Light Grey, part of a huge range of Network Data Cabinets available from Mayflex.

The Excel range of wall enclosures has been designed to be a multifunctional set of products, which can form part of a network in multiple locations. With the ability to change the internal structures to fit most applications within a passive optical network and edge of network cabling designs, these enclosures can be adapted to house either fibre or copper (or both) within a confined space. These enclosures are suitable for risers, equipment rooms and remote locations.

The Excel Medium Riser enclosure allows equipment to be mounted on to multifunctional mounting plates in various configurations


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throughout the enclosure. Dedicated 10" mounting profiles offer adequate space for up to 24 RJ45 connections that allow copper and fibre connections to be fixed inside according to the customer?s requirements. With the removal of the internal mounting plate, the enclosure can be converted to a fibre optic splice box, allowing up to 240 fibres to be spliced. Each enclosure has multiple cable fixing points using cable ties of two dedicated cable clamps for steel tap armoured cables. Dedicated side management enables easy routing of incoming and outgoing cables via the integrated brush strips at the top and bottom of the unit.

## Product Specifications

| Feature | Values |
|---|---|
| Mounting Profile | **Yes** |
| Model | **Residential** |
| Type of profile rail | **L-shaped** |
| Number of doors | **1** |
| Width | **430 mm** |
| Height | **453 mm** |
| Depth | **160 mm** |
| Modular spacing | **254 mm (10 inch)** |
| With roof plate | **yes** |
| With front door | **yes** |
| Side panels included | **no** |
| Material | **Steel** |
| Type of surface | **Powder coated** |
| Colour | **Grey White** |
| RAL-number | **9002** |


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## Additional specifications

| Features | Values |
|---|---|
| Top cable entry / exit | **Brush strip** |
| Bottom cable entry holes | **3 x 20mm** |
| Bottom entry square hole | **50mm x 50mm** |
| Left/right side cable entry | **3 x 20mm** |
| IP rating | **IP20** |
| Material thickness | **1.2mm** |
| Material coating | **Powder Coating** |
| M6 earthing stud | **1** |
| Operating temprature | **-40 to +60 °C** |
| Integrated tie points | **Top/Bottom** |

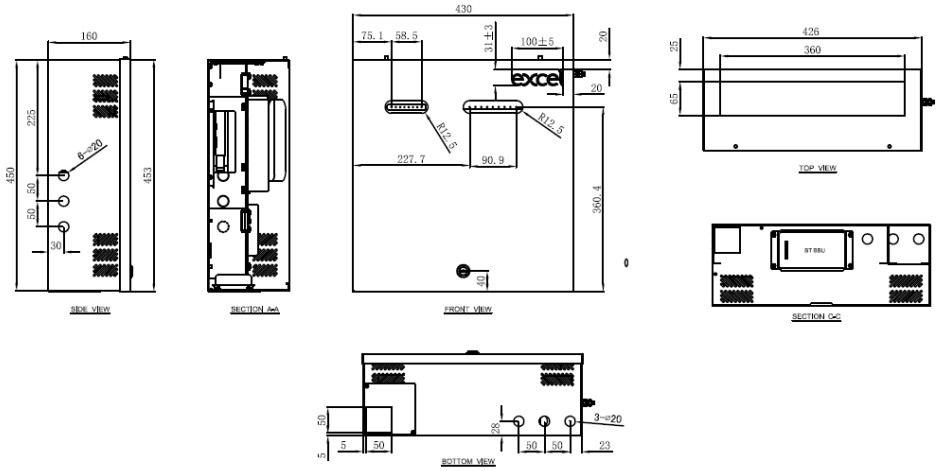

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## Product drawing




## Included accessories

| Accessories | Information | Quantity |
|---|---|---|
| Nylon cable tie | **200mm x 4mm** | **10** |
| Excel velcro Tie | **285mm x 20mm** | **4** |
| Twist tie | | **4** |
| Removable/lockable door | | **1** |
| Port identification label | | **1** |

## 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). |


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| | |
|---|---|
| Directive (EU) 2015/863 (RoHS III) | Amending Directive 2011/65/EU to add four phthalates (DEHP, BBP, DBP, DIBP) to Annex II — compliant. |
| 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 |
|---|---|
| 100-658 | **Excel ConSolidation Enclosure Residential Network Cabinet 453mm x 430 mm x 160 mm Light Grey** |


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