Excel Cat6 (FTP) IEC Junction Box

Part Code: 100-110

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CIBSE TM65 Embodied Carbon: 0.949 kg CO2e



Main Features

- Suitable for CAT6 & CAT5e
- Can be used as through coupler
- Metal plated
- Suitable for screened and unscreened cables
- Drain wire IDC connection
- CIBSE TM65 Embodied Carbon: 0.949 kg CO2e

Product Overview

IDC junction box suitable for CAT6 and CAT5e cable joints, repairs and extensions. Fully screened. Includes IDC connection for the drain wire. Housing is metal plated to provide further screening. Ideal for use where repairs or extensions are required.

Product Specifications

Feature	Values

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Number of connection points	**8**
Length	**25.6 mm**
Width	**63 mm**
Depth	**23.4 mm**
Mounting method	**Surface mounted**
Type of inlet	**Cable**
Material	**Metal**
Colour	**Silver**
With cover	**yes**
Cover attachment	**Snapped on**

Additional specifications

Features	Values
Contact Material	**Phosphor Bronze,Tin Over Nickle Undercoat**
Module Housing:	**ABS**
Jack Housing:	**Electorplated ABS**
IDC Contacts	**Suitable for LSA compatible tool**
IDC Contacts life	**Maximum 200 re-terminations**
IDC Compatibility	**22 to 26AWG Solid / 24AWG Stranded wire**
Minimum Insulation Resistance	**500 MΩ**
DC Current	**1.5Amps**
Maximum Input/Output DC Resistance	**200 mΩ**
Maximum Contact Resistance	**20 mΩ**
Operating Temperature	**-10 °C to + 60 °C**

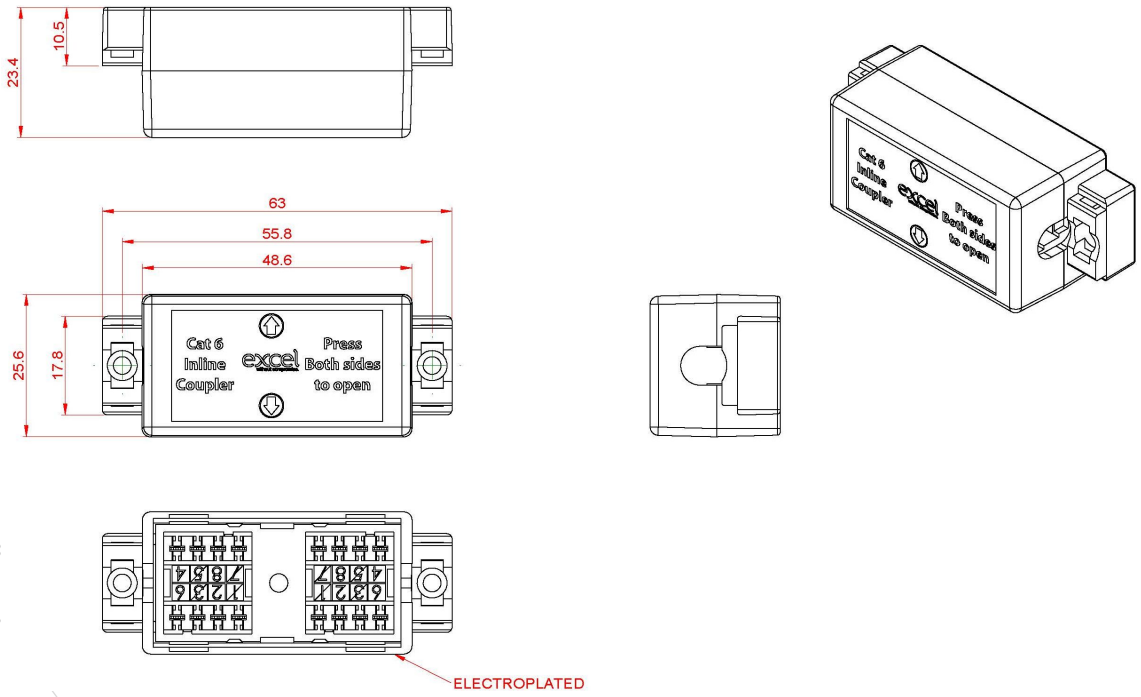
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Storage Temperature	**-40 °C to + 70 °C**

Included accessories

Accessories	Quantity
Nylon Cable tie	**2**
Double sided sticky pad	**1**
Fixing screws	**2**

Product drawing



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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).
Directive (EU) 2015/863 (RoHS III)	Amending Directive 2011/65/EU to add four phthalates (DEHP, BBP, DBP, DIBP) to Annex II — compliant.
ANSI/TIA 568-2.D	Balanced Twisted-Pair Telecommunications Cabling and Components Standards
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
EN 50173-2:2007 + A1:2010	Information technology. Generic cabling systems - Office premises
ANSI/EIA-310-E	Electronic Industries Association standard for horizontal spacing, vertical hole spacing, rack opening and front panel width
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)

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Regulations 2019.

Part Code Table

Part Code	Description
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