

# Excel Cat6 (FTP) IEC Junction Box

Item Code: 100-110

**excel**  
without compromise.



Suitable for CAT6 & CAT5e

Suitable for screened and unshielded cables

Can be used as through coupler

Drain wire IDC connection

Metal plated

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
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

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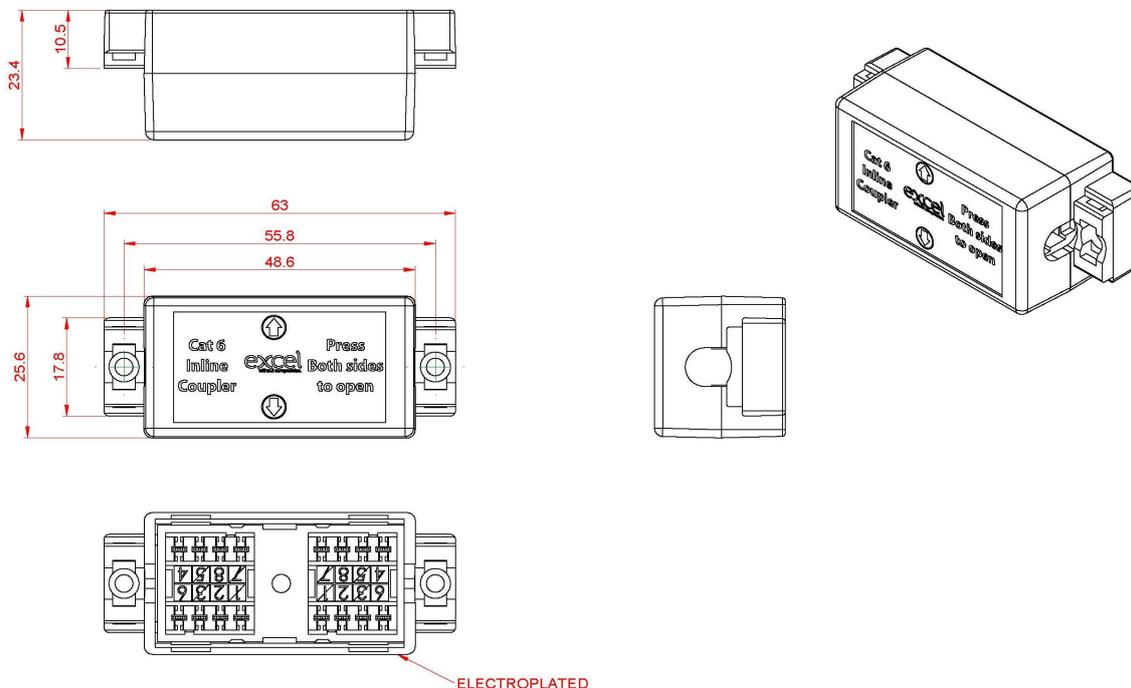
## Additional specifications

Features	Values
Contact Material	Phosphor Bronze, Tin Over Nickle Undercoat
Module Housing:	ABS
Jack Housing:	Electroplated 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
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



## 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).

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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 Number Table

Part Number	Description
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Excel is a world class premium performing end to end infrastructure solution designed, Manufactured, supported and delivered without compromise.

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