

# Excel Cat6 6 Port Unscreened ExpressNet Module

Item Code: 100-235

**excel**  
without compromise.



Category 6

Cables entering module are individually secured

Toolless assembly and patch panel fitting

Delta Third Party Verified - Component Level

Compatible with Excel ExpressNet Panel

25 Year system warranty

CIBSE TM65 Embodied Carbon: 0.636 kg CO2e

## Product Overview

Excel 6 Port Unscreened Category 6 ExpressNet Modules offer a flexible and quick way to terminate and install structured cabling. Manufactured from high impact flame retardant plastic, the modules use IDC punch downs for the termination of the copper cables.

The incoming cables are secured in place with cable ties resulting in a fully covered termination. The modules are easily fitted and removed from the rear of the patch panel by activating release latches.

## Product Specifications

Feature	Values
Model	Jack
Type of connector	RJ45 8(8)
Shielded	no
Category	6
Connection type	LSA
Requires termination tool	Punch-down

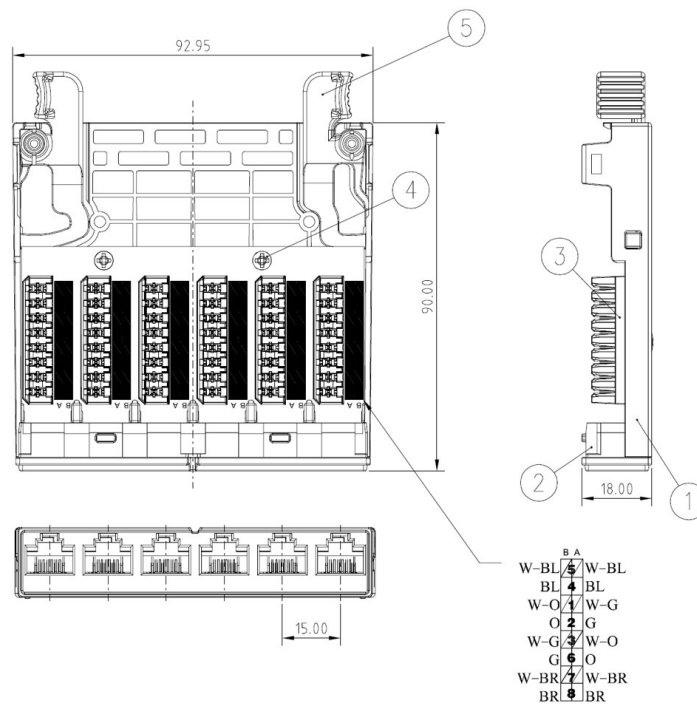
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Suitable for round cable	yes
Suitable for solid cores	yes
Colour	Grey

## Product drawing



## Additional specifications

Features	Values
Width	92.95mm
Depth	90mm
Height	18mm
Housing	ABS High-Impact
RJ45 Contacts	Nickel plated phosphor bronze alloy with 50 micro-inch Gold plating
IDC Contacts	Tin plated phosphor bronze alloy
RJ45 Life	Minimum 750 insertions
Insulation resistance	500 MΩ
Dielectric withstanding voltage	1000 V AC

Storage temperature	-40°C to +70°C
Operating temperature	-10°C to +60°C

## Standards

Applicable standard	Detail
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
ANSI/TIA 568-2.D	Balanced Twisted-Pair Telecommunications Cabling and Components Standards
UL-94-V-0	Burning stops within 10 seconds after two applications of ten seconds each of a flame to a test bar. No flaming drips are allowed.
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.
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.

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## 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.

Contact us at [sales@excel-networking.com](mailto:sales@excel-networking.com)



E&OE. Excel is a registered trade name of Mayflex Holdings Ltd.