Excel Category 6 Unscreened Module - 6C Low Profile

excel
without compromise.

CAT6

X **Category 6 Compliant**

X **25 Year System Warranty**
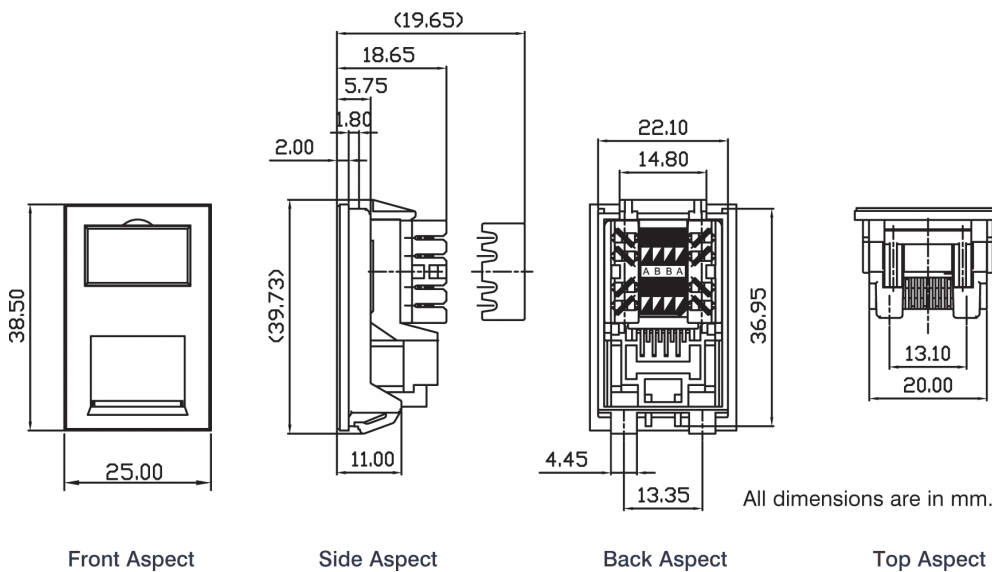
X **Ideal for floor box plates**

X **Low Profile Design**

Features

- Category 6 Compliant
- Ideal for floor box plates
- Built in Slide Label System
- No.2 cabling system by market share, as reported by BSRIA

- 25 Year System Warranty
- Low Profile Design
- LSA Style Termination Blocks

Product Overview

Excel Category 6, low profile 6C Unscreened modules are manufactured and tested to the TIA/EIA 568-B.2- 1, EN50173-1 and ISO/IEC 11801.2 Category 6 specifications. Each shuttered module is supplied with a slide label field. Termination can be made using LSA compatible tooling. The Excel 6c Low Profile module has been specifically designed to fit the cutouts in metal floor box plates. They are therefore not recommended for use with the 6c faceplates and do not have an exact colour match.

| Front Aspect | Side Aspect | Back Aspect | Top Aspect |

All dimensions are in mm.

Performance Overview

Excel Category 6 data outlets are manufactured and tested to the Category 6 performance standards defined by the TIA, ISO and EN standards bodies achieving link performance.

A range of performance characteristics are tested upto 250MHz including return loss, attenuation and near and far end crosstalk (NEXT and FEXT) for which both worst case and power sum tests are completed. Actual performance far exceeds the required standard – when tested in isolation and in circuit – resulting in significant headroom for even the most demanding of applications.

As well as providing link and channel compliance – when installed with Excel category 6 components – with the aforementioned specification – the outlet is also backward compatible with Category 5 and 5e components.

Typical Applications

- 10Base-T Ethernet ■ 100BASE-TX Fast Ethernet ■ 1000BASE-T Gigabit Ethernet

- Composite Video ■ Token Ring ■ 155 Mbps ATM ■ 622 Mbps ATM

Performance / Specification Table

Specification:	Category 6 ISO/IEC 11801 Class E, TIA/EIA-568B.2-1
Wiring Specification:	T568A & T568B
Dimensions:	LJ6C - 25.00mm W x 38.50mm H x 19.65mm D
Label Dimensions:	18 mm Wide x 10 mm High
RJ45 Jack:	Min. life 750 insertions
RJ45 Jack:	50 microinch gold plated contact pins
IDC Contacts:	Suitable for LSA compatible tooling. Maximum 200 reterminations
IDC Wire Gauge:	22 - 24AWG
NEXT at 250MHz	Category 6 42.4dB @250MHz (Power Sum)
FEXT at 250MHz	Category 6 30.5dB @250MHz (Power Sum)
Storage Temperature Range	-40°C to 70°C
Operating Temperature Range:	-10°C to 60°C
Operating Relative Humidity:	Maximum non condensing 93%
Housing:	High-Impact Flame Retardant Plastic UL 94V-0

Part Number Information

Part No.	Description
100-297	Category 6 Unscreened RJ45 Module - 6c Low Profile - White

Related Products

Part No.	Description
35-480	Punchdown tool, BT reference 2A

System Warranty

The Excel System Warranty provides a 25-year product and applications assurance of compliance with the industry performance standard appropriate to the class of cabling installed. The warranty may be applied for by an accredited Excel Partner who has designed, supplied and installed the said system.

25 YEAR WARRANTY excel

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**

excel
without compromise.

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

www.excel-networking.com