Excel Category 5e Screened Twisted Pair (FTP) Module

excel
without compromise.

CAT5e

X **25 Year System Warranty**
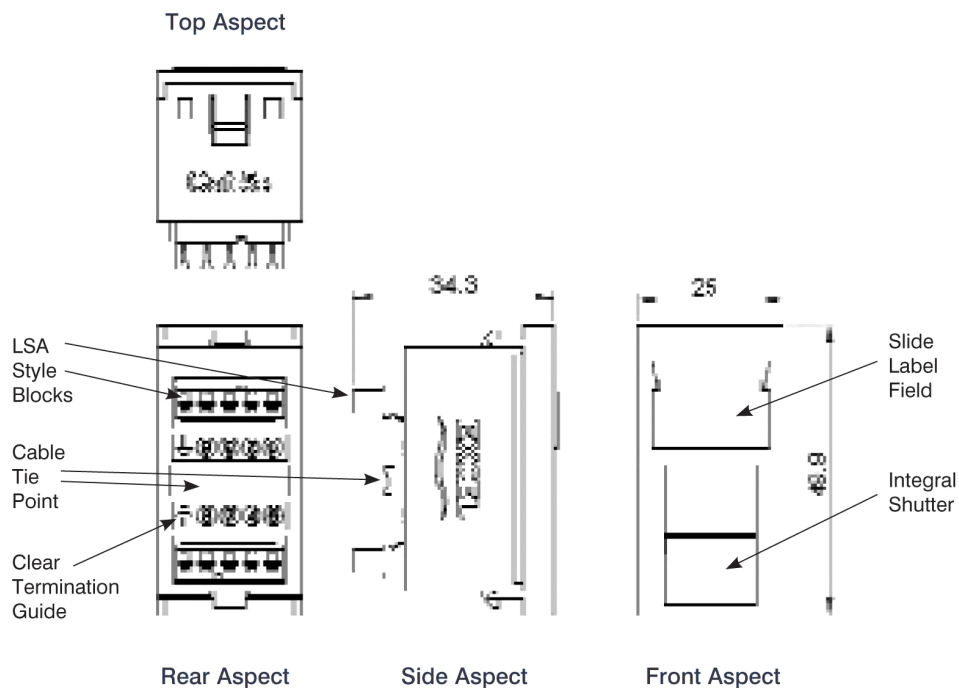
X **Supports Gigabit Ethernet**

X **Standard Euromod Size**

Features

- 25 Year System Warranty
- Standard Euromod Size
- Power Sum Compliant
- Built in Slide Label System
- LSA Style Termination Blocks
- No.3 cabling system by market share, as reported by BSRIA
- Supports Gigabit Ethernet
- Category 5e
- One Piece, Snap-in Design
- Integral Cable Tie Position
- Simple Earthing Point

Product Overview

Excel Category 5e RJ45 modules comply with the enhanced Category 5 standards. Each shuttered module is supplied with a slide label field and space above, this is allowed for use of self adhesive or further labelling if required. Termination can be made using LSA style tooling, grounding of the cable's earth wire is made by simply terminating this conductor into the fifth contact in the IDC block. A cable tie base is positioned between the IDC blocks to relieve cable stress. Pre assembled faceplates can be ordered to save installation time.

Top Aspect

LSA Style Blocks

Cable Tie Point

Clear Termination Guide

34.3

25

Slide Label Field

Integral Shutter

Rear Aspect   **Side Aspect**   **Front Aspect**

Performance Overview

Excel Category 5e Data Outlets are manufactured and tested to the Category 5 enhanced standards as defined by the EIA/TIA and ISO standards' bodies. Swept frequency tests are applied to each critical performance characteristic, such as near end cross talk (NEXT) and far end cross talk (FEXT). Both Worst Case and Power Sum Test methods are applied. Actual performance exceeds the required standard by a considerable margin ensuring sufficient headroom for even the most demanding applications.

Performance / Specification Table

Specification	Category 5e ISO Class D 2002 EIA\TIA 568B
Wiring Specification	TIA 258A/568B
Dimensions	25mm wide x 34.2mm deep x 49.9mm high
Installation Recommendation	Suits minimum of 27mm Back Boxes when installed with Bevelled Faceplate
RJ45 Jack	Min. life 750 insertions
RJ45 Jack	50 Micro-inch Gold Plated contact pins
IDC Contacts	Suitable for LSA compatible tooling.
IDC Contacts	Maximum 200 reterminations
NEXT at 100MHz	Category 5e 45.3dB @100MHz (Power Sum)
FEXT at 100MHz:	Category 5e 30dB @100MHz (Power Sum)

Typical Applications

- 10Base-T Ethernet ■ 622 Mbps ATM ■ 100BASE-TX Fast Ethernet ■ 155 Mbps ATM ■ 1000 Base-TX Gigabit Ethernet
- Token Ring

Part Number Information

Part No.	Description
100-706	RJ45 White Module
100-708	1 x RJ45 White Module c/w Bevelled Plate and Blanks
100-710	2 x RJ45 White Modules c/w Bevelled Plate

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.

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**