Excel Category 6 Unscreened Twisted Pair (UTP) Patch Panels

excel without compromise.

CAT6

X **25 Year System Warranty**
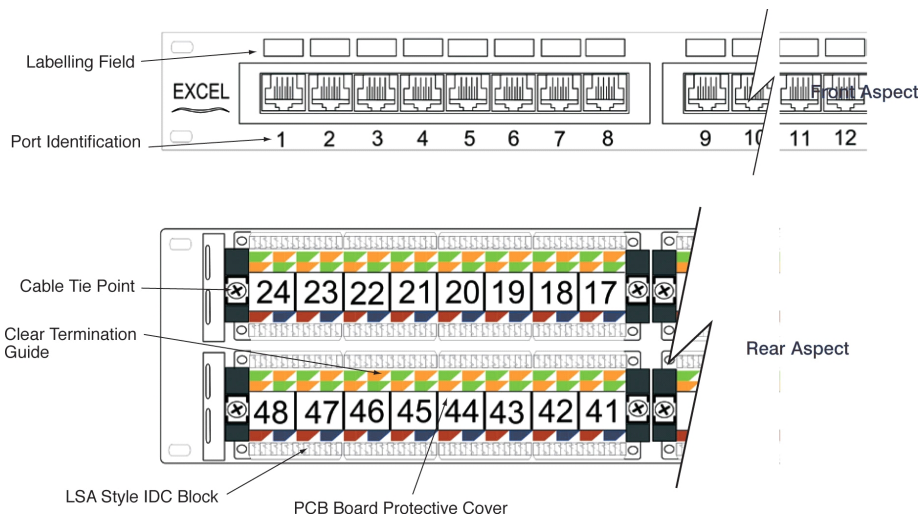
X **Category 6**

X **Labelling Options**

Features

- 25 Year System Warranty
- Labelling Options
- Backward Compatible
- Rear cable management
- Category 6
- LSA Style Termination Blocks
- Choice of Port Density

Product Overview

The Excel Category 6 Unscreened Twisted Pair Patch Panels are available in 24 & 48 Port versions to accommodate installation requirements. Each panel has a screen printed labelling field postioned above each port, included with the panel is a pre printed self adhesive labeling sheet – pre numbered 1- 96, for fast and easy labelling on site. Termination can be made using LSA compatible tooling, cable tie bridges are positioned between the IDC blocks to relieve cable stress.

Installation can be further enhanced by use of the rear cable management tray which is attached quickly and easily to the panel without the need for fixings (included).

Labelling Field

EXCEL

Port Identification — 1 2 3 4 5 6 7 8 9 10 11 12

Front Aspect

Cable Tie Point — 24 23 22 21 20 19 18 17

Clear Termination Guide

48 47 46 45 44 43 42 41

Rear Aspect

LSA Style IDC Block

PCB Board Protective Cover

Performance / Specification Table

Specification:	Category 6
Wiring Specification:	T568A & T568B
Port Density:	24 ports per 1U (44mm)
Dimensions:	480mm wide x 33mm deep (without rear management tray) x 44mm (1U) or 88mm (2U) high
RJ45 Jack:	Min life expectancy 700 insertions
RJ45 Jack:	50 microinch gold plated contact pins
IDC Contacts:	LSA style, maximum 100 reterminations
NEXT at 250MHz	SPEC - 33.14dB (in channel worst pair)
	Actual - 38.87dB (in channel worst pair)
FEXT at 250MHz	SPEC - 15.33dB (in channel worst pair)
	Actual - 22.29dB (in channel worst pair)

Performance Overview

Excel Category 6 patch panels are manufactured to provide Category 6 channel performance. A range of parameters are tested in frequency sweeps up to and including 250 MHz.

The panel is also backward compatible with Category 5 and 5e components.

Typical Applications

- 100BASE-TX Fast Ethernet
- Token Ring
- 1000BASE-T Gigabit Ethernet
- 155 Mbps ATM
- Composite Video
- 622 Mbps ATM

Part Number Information

Part No.	Description
100-304	Category 6 Unscreened Patch Panel 24 Port 1U - Black
100-306	Category 6 Unscreened Patch Panel 48 Port 2U - Black

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.

excel
without compromise.