

## Category 6 24 Port Patch Panels

Matrix Cat6 UTP patch panels exceed the requirements of ANSI/TIA/EIA-568-B.2-1 Category 6 & ISO/IEC-11801 Category 6 and feature both T568A & T568B colour coding schedule.

- Removable port identification strips
- Built-in cable tie loops
- Supplied with clip on rear cable manager and complete fixing kit
- Krone style or 110 punchdown
- Label codes – SHARPMARK PL26 slide in, or PL24 adhesive



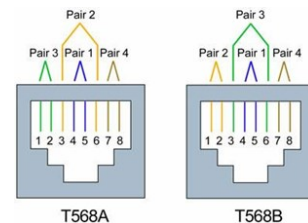
Matrix Right Angled panels offer an alternative to the standard panels.

- Vertical Punchdown style
- Integrated rear management tray
- fixing kit – cage nuts and cable ties
- Label codes – SHARPMARK PL2 Adhesive label



Colour codes:

- Pair 1 – **BLUE** + WHITE/BLUE
- Pair 2 – **ORANGE** + WHITE/ORANGE
- Pair 3 – **GREEN** + WHITE/GREEN
- Pair 4 – **BROWN** + WHITE/BROWN



Description	Part Number
24 Port Patch Panel	MATRIX-C6-PP-1U-24P
24 Port Right Angle Patch Panel	MATRIX-C6-PP-1U-24P-RA
Matrix Krone Style Punchdown Tool	MATRIX-TOOL-LSA-1
Matrix 110 Punchdown Tool	MATRIX-TOOL-110-1

This document subject to change without notice.

## Category 6 24 Port Patch Panels

### Specifications

- 24 Cat6 RJ45 Ports, 1U Height
- Exceeds ANSI/TIA/EIA-568-B.2-1 Category 6 & ISO/IEC-11801 Category 6
- RJ45 Contacts: 50 $\mu$  Gold over Nickel plated Ph.Br.
- IDC – Tin/Nickel Ph.Br

### Mechanical Performance

- RJ45: Min. of 750 insertions
- IDC: Min. of 200 Punchdowns
- Accepts 22-26 AWG Solid Wire
- Plug/Jack Contact Force: min. of 100g using an FCC approved plug

### Environmental Characteristics

- Storage Temperature: -40°C ~ 70°C
- Operating Temperature: -10°C ~ 60°C
- Relative humidity: max 95% at 20°C

### Electrical Performance

- Insulation Resistance: 1000M  $\Omega$
- Contact Resistance: 7 m  $\Omega$  Dielectric Intensity: AC 1000 Vrms 50Hz or 60Hz in 60s

