DATAMASTER

Cat-6 1RU Port Patch Panel
### P4014

FEATURES

Datamaster Cat6 1RU Patch Panel with integrated rear Cable Management loops.

- 12-port Cat6 RJ45 ports 1RU
- The transmission characteristics of Datamaster' patch panels meet the requirements of Cat6 specifications.
- Using PCB technology to balance signal transmission and provide low insertion loss, return loss and crosstalk.
- The IDC terminal block can be used with both Krone and 110 impact tools and has combined T568A & T568B colour coding for easy installation.
- Design incorporates nylon loops for cable management.

Also Available in:
- 12-port, 24-port, 48-port capacity.

MATERIAL SPECIFICATIONS
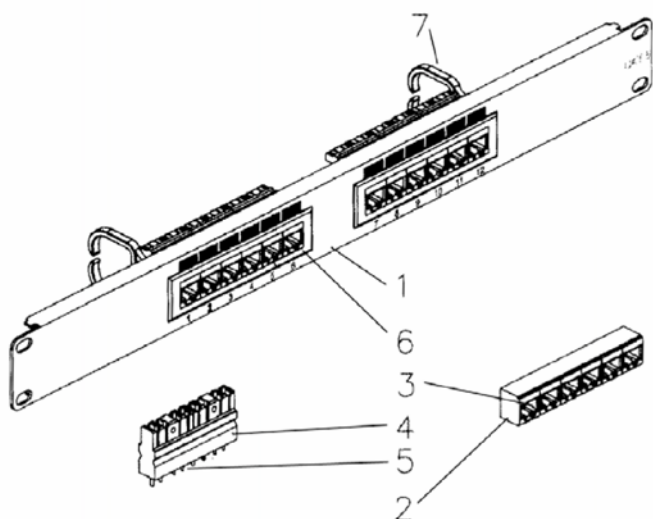
	PART	DESCRIPTION
1	Panel	SPCC 1.5mm thickness with black painted colour
2	Jack Housing	ABS UL 94V - 0
3	Jack Contact	
3-1		Phosphor Bronze 50-60μ" Nickel Plated
3-2		Contact Area: min 3mm 50μ" Gold Plated
4	IDC Housing	PC +5% GF, UL 94V - 2
5	IDC Terminal	
5-1		Phosphor Bronze 50 - 60μ" Tin Plated
5-2		110 & Krone Tool Compatible
5-3		Suitable for 22-26AWG Solid Wire
6	Jack Bracket Set	ABS, UL 94V - 0
7	Cable Holder	PA6

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PERFORMANCE SPECIFICATIONS

Insertion Force	900g	
Retention Strength	7.7 kgs between jack and plug	
Operating Temperature	- 40°C to + 80°C	
Durability	Jack	750 Plug / Jack mating cycles
	IDC	200 Max punch times
Compliance	Cat-6 performance in compliance with ANSI / TIA / EIA 568 B.2-1 standard	

MEASUREMENT SPECIFICATIONS

FRONT VIEW
482.6mm (19 inches)
43.5mm
1 2 3 4 5 6   7 8 9 10 11 12

TOP VIEW
446mm
61.2mm
1.5mm

REAR VIEW
464.8mm
31.7mm

SIDE VIEW

6 5 4 CSE 3 2 1
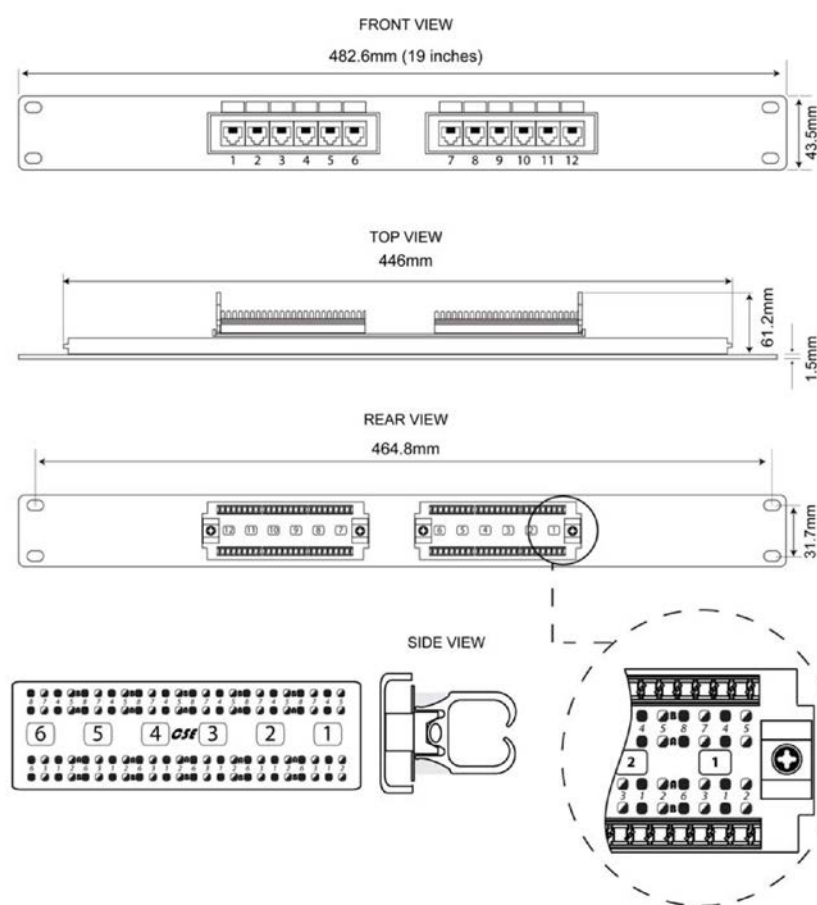
	T568A	T568B
PIN 1	Green / White	Orange / White
PIN 2	Green	Orange
PIN 3	Orange / White	Green / White
PIN 4	Blue	Blue
PIN 5	Blue / White	Blue / White
PIN 6	Orange	Green
PIN 7	Brown / White	Brown / White
PIN 8	Brown	Brown