

Enhanced Category 5E / ATM Patch Panel

1-1

Features

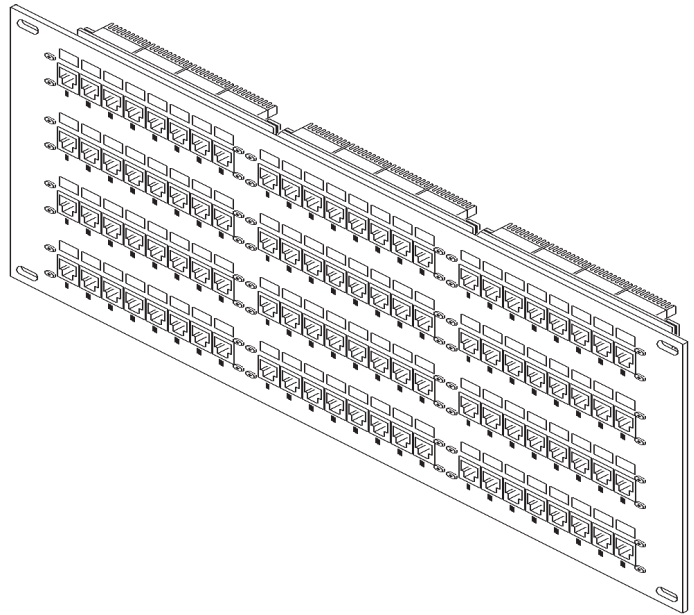
- Built-in Wire Management
- All components MADE IN THE USA
- Unconditional LIFETIME WARRANTY
- CUSTOM numbering, colors, labeling available
- Meets or exceeds ALL TIA/EIA 568.A-5 specs
- 8-port multiple jacks for space saving feature
- Superlight aircraft aluminum alloy construction
- Chemically treated black anodizing for durability
- Reinforced circuit board construction for reliability
- 110 Punch Down Printed Circuit Board (PCB) termination



Lifetime Warranty



100% MADE IN THE USA



Specifications

Panel Model	Ports	Width	Height	Depth	Rack Spaces
TP08 -	8	19"	1.75"	1.5"	1
TP16 -	16	19"	1.75"	1.5"	1
TP24 -	24	19"	1.75"	1.5"	1
TP32 -	32	19"	3.5"	1.5"	2
TP48 -	48	19"	3.5"	1.5"	2
TP72 -	72	19"	5.25"	1.5"	3
TP96 -	96	19"	7.0"	1.5"	4
TP120 -	120	19"	11.5"	1.5"	6
TP144 -	144	19"	11.5"	1.5"	6

Jacks: RJ45 jacks, 50 microinch gold plated pins, in a combed housing.

TIA/EIA T568B Wiring Standard Near-End Crosstalk (NEXT)

Freq. (MHz)	Required (db)	Pair Combinations (db)					
		1-2	1-3	1-4	2-3	2-4	3-4
100.00	40	48	43	44	48	45	48

TIA/EIA T568A Wiring Standard Near-End Crosstalk (NEXT)

Freq. (MHz)	Required (db)	Pair Combinations (db)					
		1-2	1-3	1-4	2-3	2-4	3-4
100.00	40	43	48	44	48	45	48

EIA/TIA T568B Wiring Standard Far-End Crosstalk (FEXT)

Jack/Plug	Pair 4,5	Pair 3,6	Pair 1,2	Pair 7,8
4,5	0.0	39.4	41.0	40.3
3,6	40.5	0.0	48.0	63.4
4,5	40.2	48.3	0.0	42.1
4,5	39.3	51.8	42.8	0.0

Description

These Panels are constructed with all US made products and are assembled in the USA. These Panels meet ALL sections of the TIA/EIA 568.A-5 specifications. Our engineers developed a proprietary printed circuit board (PCB) design which results in performance superior to that of conventional PCB panels.

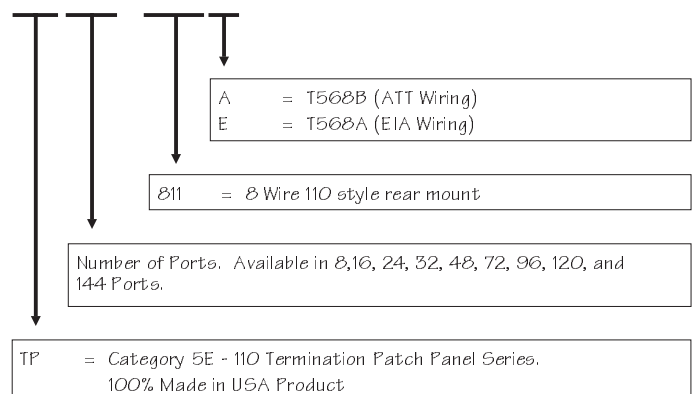
All four pairs are wired active in full compliance with the TIA/EIA standard for Category 5E Enhanced performance. Additionally, our TP series panel far exceeds the new requirements for Category 5E Enhanced, meets ATM 622 MBPS performance requirements, and is UL safety listed. The panels are available in two wiring standards; T568B or T568A (TIA/EIA).

Embedded within the wiring standards are three other wiring methods allowing these panels to be used in slower data applications until the installation is up-graded to utilize full Category 5E Enhanced performance.

10/100BASE-T Use pairs 1-2 and 3-6
Token Ring Use pairs 4-5 and 3-6
TP-PMD Use pairs 1-2 and 7-8

How to Configure the Part Number

TP48-811A



Gruber

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