## **CONNECSYS**

## **Category 5E UTP 24 Ports Patch Panel**

## Description

CONNECSYS Enhanced Category 5 UTP Patch Panel meets TIA/EIA-568-B.2 and ISO/IEC 11801 requirements for Enhanced Category 5 component performance. Universal wiring labels permit termination to either T568A or T568B wiring patterns. Available in 24 ports and shall terminate the building cabling on 110-style insulation displacement connector.



**Suitable Applications** 

Premise Horizontal Cable, Fast Ethernet 100BASE-TX, 10/100BASE-Tx, token ring, 100BaseVG ANYLAN, Mbps 155ATM, 622ATM, 100 Mbps TP-PMD, ISDN, Analog and Digital Video and Analog and Digital Voice (VoIP)

Specifications and Technical Data				
Materials	Housing	Polybutylene Terephthalate (PBT) + GF 15%, 94V-2 rated		
	Panel	Carbon steel with black powder coated.		
	Contacts	Phosphorous bronze, plated with $1.27\mu m$ (50 $\mu$ inch.) minimum thick gold in localized area; Phosphorous bronze in solder area over $1.27\mu m$ minimum thick nickel plating.		
Acceptance	24 – 26 AWG			
Transmission performance	TIA/EIA-568-B.2-1 standard, ISO/IEC 11801			
Voltage Rating	125 VAC RMS			
Current Rating	1.5 AMP			
Contact Resistance	100 milliohms maximum			
Insulation Resistance	1000 megohms min. @ 500 VDC			
Dielectric Strength	750 VAC RMS 60Hz, 1 MIN.			
Contact Re-termination	≥ 200			
Standard Accessories	Screws, label and back bar.			
Operating Temperature	Storage Operation	-40°C to +85°C 0°C to 70°C		
Performance Data				
Frequency (MHz)	Attenuation (dB)	Return Loss (dB)	NEXT (dB)	FEXT (dB)
1	0.1	35.0	65.0	65.0
4	0.1	35.0	65.0	63.1
8	0.1	35.0	64.9	57.0
10	0.1	35.0	63.0	55.1
16	0.2	35.0	58.9	51.0
20	0.2	34.0	57.0	49.1

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