

Description

CONNECSYS Category 5E, 110 Connect Modular Jack meets TIA/EIA-568-B.2-1 Category 5e and ISO/IEC 11801 requirements for Enhanced Category 5 component performance. Universal wiring labels permit termination to either T568A or T568B wiring patterns.



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	Polycarbonate, 94V-0 rated.
	Insertion	Flame Retardant Acrylonitrile Butadiene Styrene (ABS), 94V-0 rated.
	Contacts	Phosphorous bronze, plated with 1.27µm (50µ inch.) minimum thick gold in localized area.
	IDC Contacts	Phosphorous bronze in solder area over 1.27µm 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 max.	
Insulation Resistance	1000 megohms min. @ 500 VDC	
Dielectric Strength	750 VAC RMS 60Hz, 1 MIN.	
Contact Re-termination	≥ 200	
Operating Temperature	Storage	-40°C to +85°C
	Operation	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
25	0.2	32.0	55.0	47.1
31.25	0.2	30.1	53.1	45.2
62.5	0.3	24.1	47.1	39.2
100	0.4	20.0	43.0	35.1

All Rights Reserved.

Although Zog Connecsys Sdn. Bhd. ("CONNECSYS") makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

CONNECSYS provides information and specifications herein on an "AS IS" basis, with no representations and warranties, whether express, statutory or implied. In no event will CONNECSYS be liable for any damage (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if CONNECSYS has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of CONNECSYS products are subject to CONNECSYS's standard terms and conditions of sale.

Note – this tech data is subject to change without notice.