

Category 5E Unshielded RJ-45 to iPass Pre-Terminated Copper Patch Panels

DataLink 100e

TRANSMISSION AND ELECTRICAL SPECIFICATIONS

FREQ.	Insertion Loss		NEXT		FEXT		RL	
	dB/100m		dB		dB		dB	
MHz	Nom	Max	Nom	Min	Nom	Min	Nom	Min
1.00	0.02	0.10	85.0	65.0	77.0	65.0	55.0	30.0
4.00	0.03	0.10	75.0	65.0	65.0	63.1	50.0	30.0
8.00	0.04	0.11	70.0	64.9	60.0	57.0	48.0	30.0
10.00	0.04	0.13	68.0	63.0	58.0	55.1	42.0	30.0
16.00	0.05	0.16	64.0	58.9	54.0	51.0	40.0	30.0
25.00	0.06	0.20	60.0	55.0	50.0	47.1	35.0	30.0
31.25	0.07	0.22	58.0	53.1	48.0	45.2	33.0	30.0
62.50	0.11	0.32	52.0	47.1	42.0	39.1	28.1	24.1
100.00	0.15	0.40	45.0	43.0	38.0	35.1	24.0	20.0

Propagation Delay	2.5 nS max @ 1-100 MHz
Propagation Delay Skew	1.25 nS max @ 1-100 MHz
Current Rating	1.5 A max.
Contact Resistance	20 mOhm max (per contact)
Input/Output Resistance	200 mOhm max
Input/Output Resistance Unbalance	50 mOhm max
Voltage Rating	72 Vdc max
Dielectric Strength	1000 Volts rms for 1 minute
Insulation Resistance	500 MegaOhm min @ 500 Vdc
DC Resistance	0.1 Ohm max @ 20C
TCL	28-20.Log(f/100) dB min @ 1-100 MHz
Transfer Impedance	N/A

ORDERING INFORMATION

HCS P/N	Panels Description	TELCO Blocks	Units	Notes
P00-P0401-1U	Unshielded empty patch panel, 19", 1U, for 4xiPass cassettes insert	-	1u	-
P5E-P0602-1U	6 port RJ-45 to iPass Unshielded 1000BASE-T 19" cassette	1	1u	-
P5E-P1202-1U	12 port RJ-45 to iPass Unshielded 1000BASE-T 19" cassette	2	1u	-

HCS P/N	Modular Cords Description	Plug	Length	Notes
T5E-P02510-XX	25x2x24# UTP CAT 5E PVC iPass modular Cord Gray	iPass	XX m	-
T5E-P02520-XX	25x2x24# UTP CAT 5E LS0H iPass modular Cord Gray	iPass	XX m	-