

TRANSMISSION AND ELECTRICAL SPECIFICATIONS

FREQ. MHz	Insertion Loss dB/100m		NEXT dB		FEXT dB		RL dB	
	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	0.1 Ohm @ 1 MHz, 0.2 Ohm @ 10 MHz, 1.6 Ohm @ 80 MHz max.

ORDERING INFORMATION

HCS P/N	Description	Termination Blocks	Punch-Down Tool	T568
J5E-00821	8P8C RJ-45 Shielded Keystone Jack CAT 5E	110 IDC	110 IDC	B
J5E-00822	8P8C RJ-45 Shielded Keystone Jack CAT 5E	110 IDC	110 IDC	A
J5E-00823	8P8C RJ-45 Shielded Keystone Jack CAT 5E	110 IDC	110 IDC	UNI
J5E-00824	8P8C RJ-45 Shielded Keystone Jack CAT 5E	110 IDC	LSA Plus/110 IDC	B
J5E-00825	8P8C RJ-45 Shielded Keystone Jack CAT 5E	110 IDC	LSA Plus/110 IDC	A
J5E-00826	8P8C RJ-45 Shielded Keystone Jack CAT 5E	110 IDC	LSA Plus/110 IDC	UNI