

TRANSMISSION AND ELECTRICAL SPECIFICATIONS

FREQ.	Insertion Loss	NEXT	FEXT	RL
MHz	dB/100m	dB	dB	dB
	Max	Min	Min	Min
1.00	0.10	65.0	65.0	30.0
4.00	0.10	65.0	63.1	30.0
8.00	0.11	64.9	57.0	30.0
10.00	0.13	63.0	55.1	30.0
16.00	0.16	58.9	51.0	30.0
25.00	0.20	55.0	47.1	30.0
31.25	0.22	53.1	45.2	30.0
62.50	0.32	47.1	39.1	24.1
100.00	0.40	43.0	35.1	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
LCL	66-20-Log(f) dB min @ 1-100 MHz
Transfer Impedance	N/A

ORDERING INFORMATION

HCS P/N	Description	Type	T568
W5E-00801	8P8C RJ-45 Unshielded Surface Mount Box CAT 5E 110 IDC Blocks	Simplex	B
W5E-00802	8P8C RJ-45 Unshielded Surface Mount Box CAT 5E 110 IDC Blocks	Simplex	A
W5E-00803	8P8C RJ-45 Unshielded Surface Mount Box CAT 5E 110 IDC Blocks	Simplex	UNI
W5E-00804	8P8C RJ-45 Unshielded Surface Mount Box CAT 5E 110 IDC Blocks	Duplex	B
W5E-00805	8P8C RJ-45 Unshielded Surface Mount Box CAT 5E 110 IDC Blocks	Duplex	A
W5E-00806	8P8C RJ-45 Unshielded Surface Mount Box CAT 5E 110 IDC Blocks	Duplex	UNI