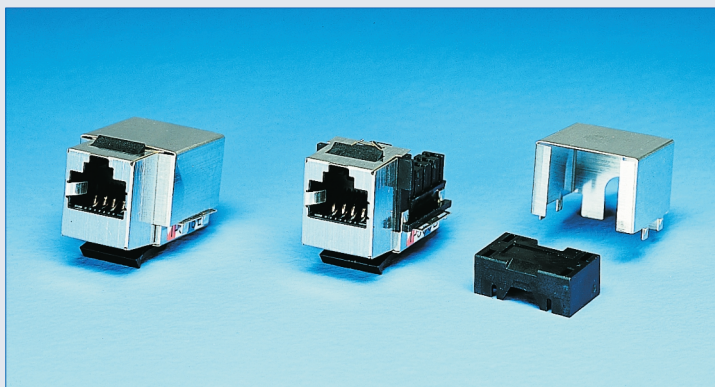


KMJ – Keystone Modular Jack

Category 5e – Shielded Keystone Jack



Shielded Lead Frame Keystone Part #: KMJVL8A/B02S
Shielded PC Board Keystone Part #: KMJEFS8B02S



PRODUCT DESCRIPTION:

Shielded Keystone Jack Category 5e, 568A or 568B features 110 IDC connectors. Provide a direct punch-down. 110 punch-down tool recommended for termination. Fits any Keystone port opening 14,7x20mm faceplates.

Fully shielded construction includes a removable metal cover, protecting against EMI and RFI emission and double crimp support to ensure optimum screen continuity and cable retention.

FEATURES:

- Jacks meet FCC part 68 Sub Part F horizontal row
- T568B and T568A wiring configuration
- UL listed
- CSA certified

TESTING COMPLIANCE

- ANSI/TIA/EIA-568-A
- ANSI/TIA-EIA-568-A-2
- ANSI/TIA-EIA-568-A-5
- ISO/IEC 11801 - 2000 2nd edition
- ANSI/TIA/EIA-568-B.2 Category 5e

MATERIAL:

- All plastic components are high impact self-extinguishing, rated 94V-0
- Modular jack contacts: copper alloy, with 59 50 µm of hard gold over 100 µm of nickel
- IDC contacts: copper alloy, tin/lead alloy plating
- Durability: modular jack, meets or exceeds IEC 603-7 class A IDC, meets or exceeds EIA/TIA 568-A

APPLICATION SUPPORT LIST

- Voice
- 4/16 Mbps Token Ring
- 100 VG Any LAN
- 100 Mbps TP-PMD
- 155/622 Mbps ATM
- 10BASE-T Ethernet
- 100BASE-TX Fast Ethernet
- 1000BASE-T Gigabit Ethernet
- Broadband video
- All other applications developed for operation over category 5e or new class D cabling

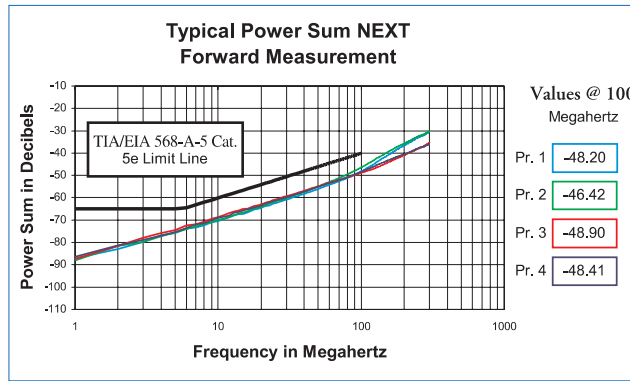
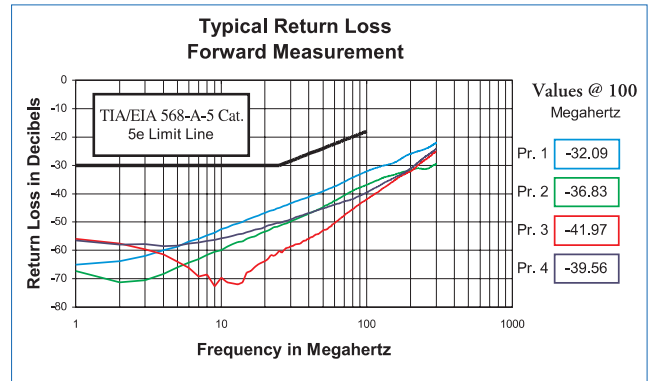
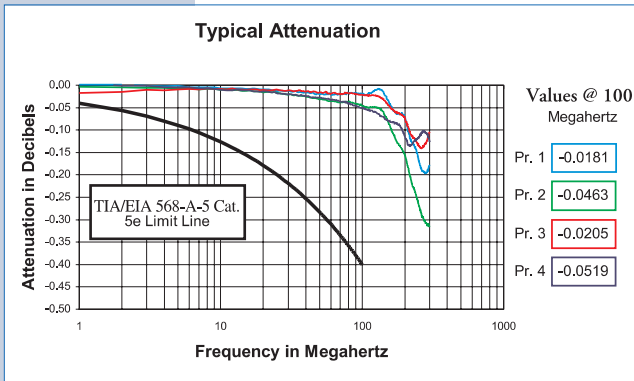
KMJ – Keystone Modular Jack

Category 5e – Snap-in Jack



CATEGORY 5e EFS JACK TRANSMISSION PERFORMANCE

SPECIFICATION SHEET



Typical Attenuation

	1 MHz	4 MHz	8 MHz	10 MHz	16 MHz	20 MHz	25 MHz	31 MHz	63 MHz	100 MHz
Pair 1	0.0009	-0.0025	-0.0047	-0.0071	-0.0081	-0.0092	-0.0133	-0.0136	-0.0215	-0.0181
Pair 2	-0.0036	-0.0059	-0.0082	-0.0104	-0.0110	-0.0156	-0.0173	-0.0200	-0.0363	-0.0463
Pair 3	-0.0167	-0.0118	-0.0070	-0.0085	-0.0087	-0.0103	-0.0093	-0.0120	-0.0177	-0.0205
Pair 4	0.0045	-0.0045	-0.0071	-0.0104	-0.0120	-0.0141	-0.0181	-0.0192	-0.0330	-0.0519

Typical Return Loss Forward Measurements

	1 MHz	4 MHz	8 MHz	10 MHz	16 MHz	20 MHz	25 MHz	31 MHz	63 MHz	100 MHz
Pair 1	-65.08	-59.91	-54.76	-52.54	-48.60	-46.81	-44.92	-43.17	-36.97	-32.09
Pair 2	-67.21	-68.31	-61.63	-59.87	-55.47	-53.40	-51.35	-49.37	-42.00	-36.83
Pair 3	-55.93	-61.40	-68.43	-69.54	-67.31	-63.76	-60.10	-58.57	-49.60	-41.97
Pair 4	-56.52	-58.57	-56.67	-55.82	-53.16	-51.74	-50.28	-48.77	-43.62	-39.56

Typical Power Sum Near End Crosstalk Forward Measurements

	1 MHz	4 MHz	8 MHz	10 MHz	16 MHz	20 MHz	25 MHz	31 MHz	63 MHz	100 MHz
Pair 1	-87.23	-76.75	-72.29	-70.49	-66.47	-64.43	-62.48	-60.49	-53.70	-48.20
Pair 2	-88.16	-77.26	-71.67	-69.88	-66.09	-64.14	-61.81	-59.85	-52.38	-46.42
Pair 3	-87.35	-75.78	-70.74	-68.68	-64.86	-62.92	-60.85	-59.08	-52.82	-48.90
Pair 4	-86.47	-77.05	-71.36	-68.94	-65.27	-63.55	-61.16	-59.52	-52.93	-48.41