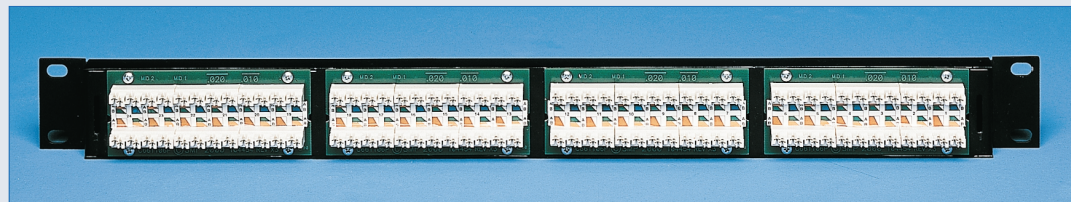
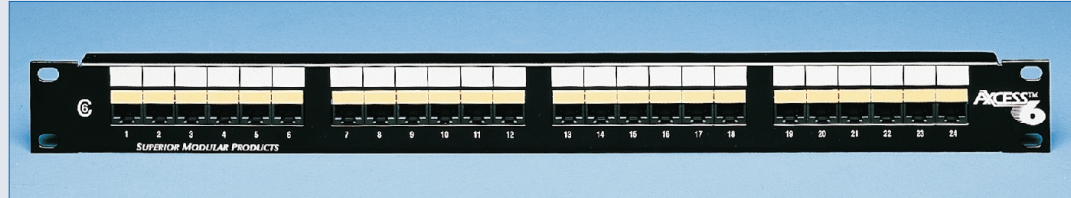


Enhanced Category 6 Patch Panel



Part Number: ISIXxx8/610U01

Cat. 6 Patch Panel



xx - Denotes number of ports

PRODUCT DESCRIPTION:

Superior Modular Products, Access 6™ Enhanced 24 Port Patch Panel 568A/B, with black exterior finish, offers bandwidth and true performance. All are backwards compatible and guaranteed to meet Category 6 standards when verified. All plastic components are high impact self-extinguishing, rated 94V-0. Circuit board materials are fiberglass/epoxy FR-4 solder masked on both sides. High-density profile, write-on port labels, new exclusive 610 connecting blocks for rear termination. 110 punch-down tool recommended for termination.

Technical Characteristics:

- Jack Style Unkeyed RJ45
- Contacts Phosphor Bronze / IEC-603-7 Level A
- Plating 50 µin of Gold over 100 µin Nickel
- IDC New 610 IDC
- IDC Contact Phosphor Bronze / Durability TIA/EIA 568B.2

INCLUDED:

Cat. 6, 24 port High Speed Data Patch Panel,
Cable Ties and Instruction sheet.

TESTING COMPLIANCE:

- ANSI/TIA/EIA-568-A
- ANSI/TIA-EIA-568-A-2
- ANSI/TIA-EIA-568-A-5
- ISO/IEC 11801
- ANSI/TIA/EIA-568-B.2
- Proposed ISO/TIA/EIA-568-B.2-1, draft 9a Cat. 6
- Proposed ISO/IEC 11801 2nd edition, class E and category 6

APPLICATION SUPPORT LIST

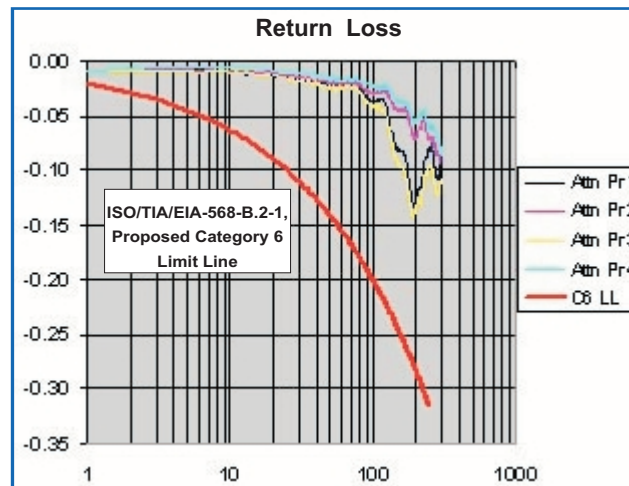
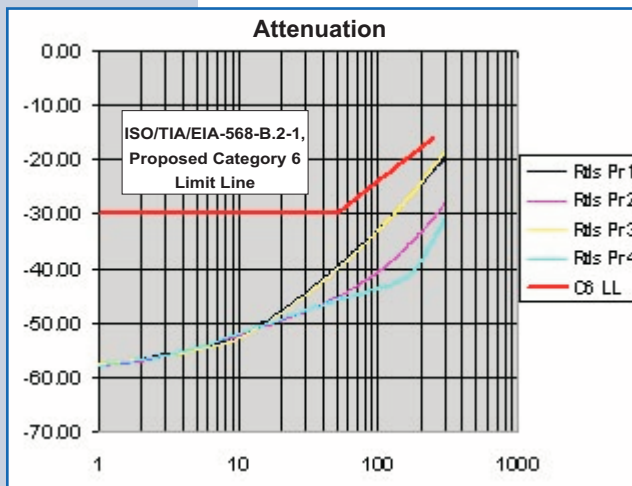
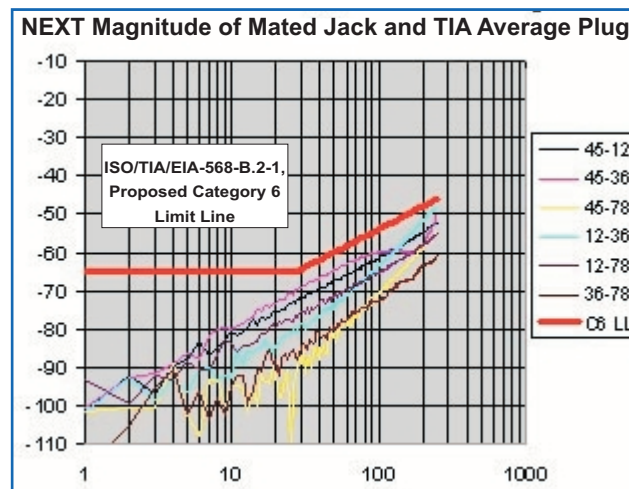
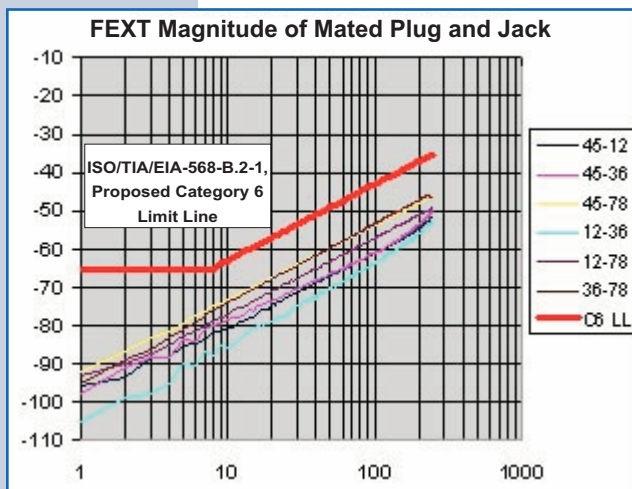
- Voice
- 4/16 Mbps Token Ring
- 100 VG Any LAN
- 100 Mbps TP-PMD
- 155/622 Mbps ATM
- 10BASE-T Ethernet
- 100BASE-TX Fast Ethernet
- 1000BASE-T Gigabit Ethernet
- TIA PN-4657 Gigabit Ethernet over Category 6 cabling
- 270 Mbps digital video
- Broadband video
- All other applications developed for operation over category 6 or class E cabling

Enhanced Category 6 Patch Panel



CATEGORY 6 PANEL MODULE TRANSMISSION PERFORMANCE

SPECIFICATION SHEET



Mated NEXT with TIA Average Plugs

	45-12	45-36	45-78	12-36	12-78	36-78
100 MHz	-61.48	-59.87	-70.77	-63.64	-65.40	-73.18
250 MHz	-51.93	-50.24	-54.98	-47.44	-55.34	-61.18

Mated FEXT with TIA Average Plugs

	45-12	45-36	45-78	12-36	12-78	36-78
100 MHz	-61.27	-61.17	-53.68	-63.73	-57.18	-53.42
250 MHz	-51.51	-50.13	-45.79	-52.72	-49.36	-46.50

Attenuation

	Pins 45	Pins 45	Pins 45	Pins 45
100 MHz	-0.0352	-0.0284	-0.0419	-0.0229
250 MHz	-0.0778	-0.0703	-0.0972	-0.0606

Return Loss

	Pins 45	Pins 45	Pins 45	Pins 45
100 MHz	-32.64	-40.58	-32.93	-43.57
250 MHz	-21.84	-30.54	-21.15	-34.56