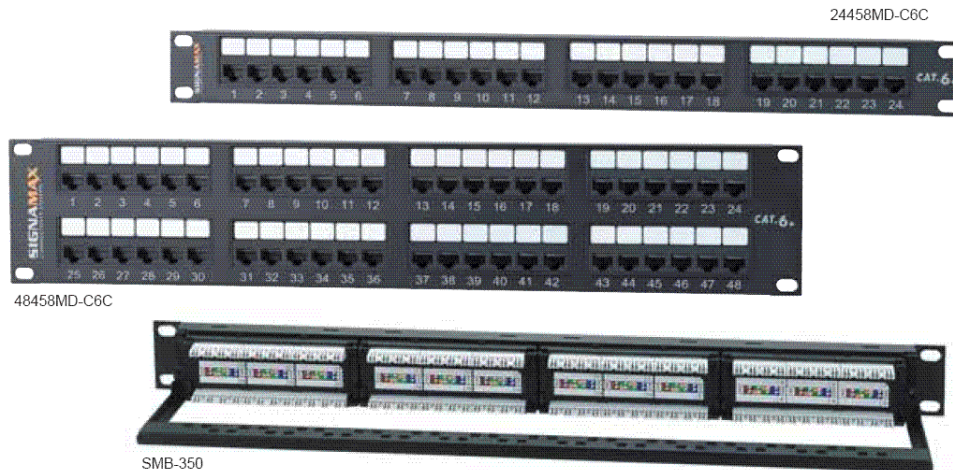


Category 6+ Component Level Patch Panels

Category 6+ patch panels are designed to exceed TIA/EIA-568-B.2-1 component, permanent link and channel level performance specifications providing usable bandwidth beyond 250MHz and are backward compatible with lower level cabling systems. These high-density panels are available in 12 through 96 port versions and feature enhanced front and rear labeling features for easy circuit identification. Category 6+ panels support both T568A and T568B wiring configurations using an easy to read color-coded wiring label.



KEY FEATURES

- Transmission performance exceeds TIA/EIA-568-B.2-1 component, permanent link and channel level performance specifications
- Contact design provides enhanced plug to jack connection integrity and protects against damage caused by insertion of 4 or 6 position plugs
- Rear termination is made quick and easy using a 4-pair inline 110 type connector compatible with our Category 6 multi-pair impact tool to reduce installation time or an industry standard single position 110 or Krone termination tool
- Rated for at least 750 plug insertions providing for the highest level of system reliability
- Fully enclosed, 6-port modular design, which provides flexibility and protection of printed circuitry during termination
- Integrated cable management feature for cable routing and strain relief requirements
- An optional cable management bar, which mounts easily to the back of the panel, is available for improved cable routing and strain relief
- Maximum strength and durability construction

ORDERING INFORMATION

Category 6+ Component Level Patch Panels

Part Number	Description
12458MD-C6C	12-Port Category 6+ Patch Panel, T568A/B Wiring, 1.75" High
24458MD-C6C	24-Port Category 6+ Patch Panel, T568A/B Wiring, 1.75" High
48458MD-C6C	48-Port Category 6+ Patch Panel, T568A/B Wiring, 3.50" High
SMB-350	Panel Mount Cable Management Bar, 3.5" Deep

Category 6+ Component Level Patch Panels

SPECIFICATIONS

- **TRANSMISSION PERFORMANCE**

ANSI/TIA/EIA-568-B.2-1: Exceeds Category 6 (1 – 250 MHz) component level specifications
 ISO/IEC 11801 2nd Ed., CENELEC EN 50173: Exceeds Category 6 (1 – 250 MHz) component level specifications

- **TRANSMISSION MEDIA**

Unshielded twisted pair (UTP)

- **JACK TYPE**

8p8c (8-position, 8-contact) "RJ45" type

- **WIRING SCHEME**

ANSI/TIA/EIA-568-B.2: T568A & T568B
 ISO/IEC 11801 2nd Ed.: 8-position pin/pair assignment (1-2/3-6/4-5/7-8)

- **WIRE GAUGE**

22-26 AWG (0.643 – 0.404 mm)

- **JACK CONTACTS**

Phosphor bronze, nickel plating with a minimum of 50 micro inches of gold plating in contact area

- **IDC CONTACTS**

110 type, phosphor bronze, nickel plating

- **DIMENSIONS**

12458MD-C6C 19" rack mountable, 1.75" (1 RMU) high
 24458MD-C6C 19" rack mountable, 1.75" (1 RMU) high
 48458MD-C6C 19" rack mountable, 3.50" (2 RMU) high

- **OPERATING TEMPERATURE**

-14°F – 140°F (-10°C – +60°C)

- **COMPLIANCE**

ANSI/TIA/EIA-568-B.2, ISO/IEC 11801 2nd Ed., CENELEC EN 50173, FCC Part 68, UL 1863, IEC 60603-7

- **APPLICATIONS**

X.21, V.11, S0, ISDN, CSMA/CD 10BASE-T, 100BASE-TX, 100BASE-T4, 100BASE-T2, 1000BASE-T, 10GBASE-T (up to 55 m), TR 4/16/100, 100BASE-VG, ATM LAN 25/51/155, TP-PMD

- **WARRANTY**

5-year limited component warranty
 25-year system warranty

RELATED PRODUCTS

Product/Product Group	Spec Sheet #
Category 6+ Component Level Patch Cords _____	PSS.C6P-CL-PC (A-AUG-07)
Category 6+ Shielded Patch Cords _____	PSS.C6P-SPC (A-AUG-07)
Category 5e+ Component Level Patch Cords _____	N/A
Category 5e Channel Level Patch Cords _____	N/A
Category 5e Shielded Patch Cords _____	N/A