

Category 6+ Component Level Mini 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.

Category 6+ Mini Patch Panels are available in 12-port size and are ideal for installations where space is at a premium and open bay racks cannot be used. Panels are provided mounted to either an 89D bracket or in a hinged version, both of which allow for easy access to the back of the panel for termination to 110 connectors. Both panels exceed TIA/EIA-568-B.2-1 component, permanent link and channel level performance specifications.



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
- Fully enclosed, 6-port modular design (12458M-C6C), which provides flexibility and protection of printed circuitry during termination
- Integrated cable management feature (12458MH-C6C) for cable routing and strain relief requirements
- Rated for at least 750 plug insertions providing for the highest level of system reliability
- Maximum strength and durability construction

ORDERING INFORMATION

Category 6+ Component Level Mini Patch Panels

Part Number	Description
12458M-C6C	12-Port Category 6+ Mini Panel w/89D Bracket, T568A/B Wiring
12458MH-C6C	12-Port Category 6+ Mini Hinged Panel, T568A/B Wiring

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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

Standard 66 block / 89B bracket footprint

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