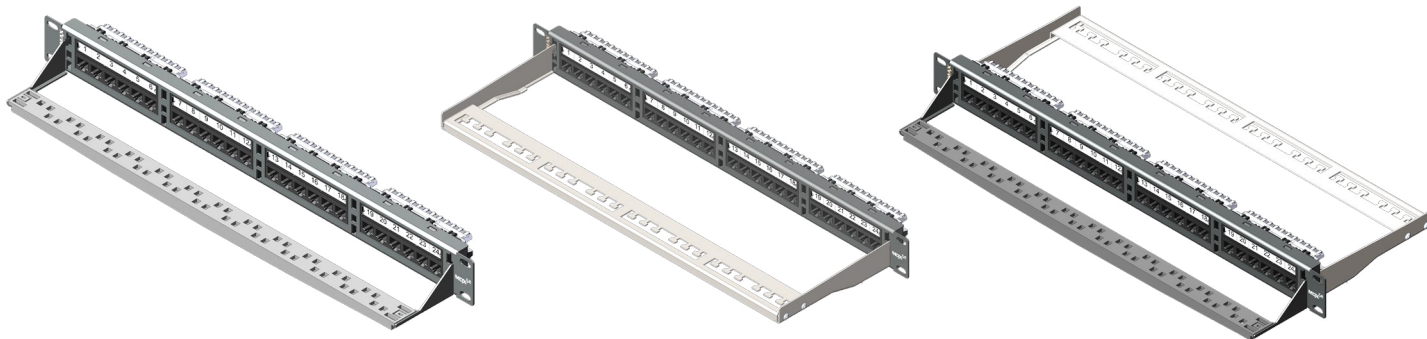
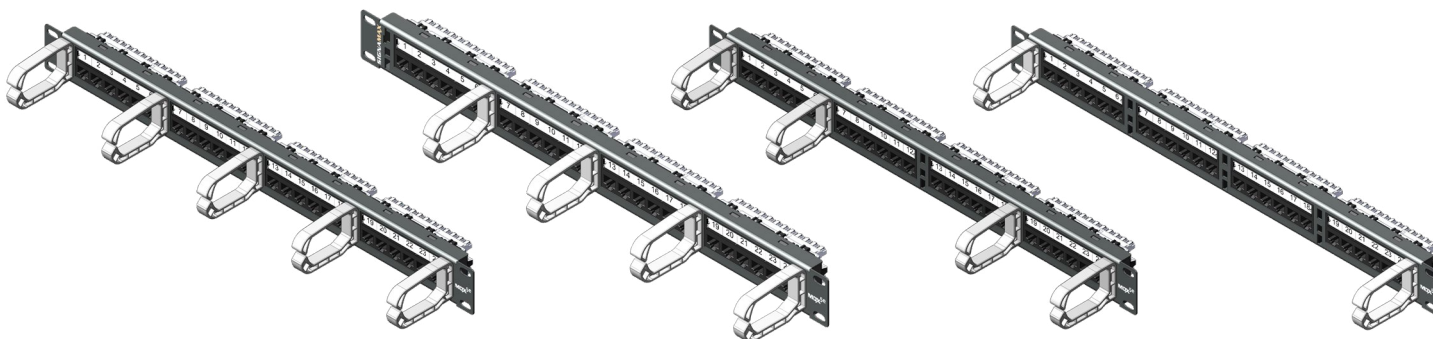


Product
Specifications
Cat 5e MDX-Series Patch Panels
KEY FEATURES

- Exceeds ANSI/TIA-568-C.2 Category 5e component performance
- UL listed and TAA compliant
- Designed with multiple cable management options in the front and rear of the panel to accommodate any install configuration
- Modular blocks with built-in PCB-based jacks ensure Category 5e parameters
- Easy-to-read T568A/B wiring scheme color-coded label
- Standard termination with single-position or multi-pair 110 termination tools
- Hinged clear windows over each set of ports for quick identification


ORDERING INFORMATION

PART NO.	DESCRIPTION
24458MDX-C5E	24-Port Category 5e MDX-Series Patch Panel, 1 RMU
48458MDX-C5E	48-Port Category 5e MDX-Series Patch Panel, 2 RMU
ACCESSORIES	
CMB-250-P	Plastic Panel-Mount CM Bar, 2.50" Deep
CMB-550-M	Metal Panel-Mount CM Bar, 5.50" Deep
CMBRKT-01-5	Panel-Mount CM Bracket, 65 x 40 mm, 5-Pack

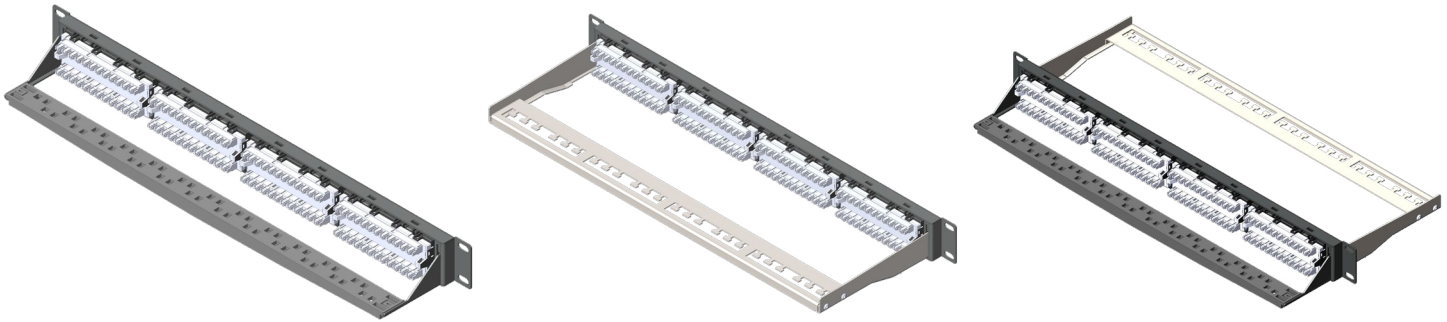
***FRONT MANAGEMENT BAR OPTIONS**

***FRONT MANAGEMENT BRACKET OPTIONS**


Product Specifications

Cat 5e MDX-Series Patch Panel



*BACK MANAGEMENT BAR OPTIONS



*For all cable management configurations refer to the MDX Accessory Index Guide.

FRONT DETAIL



SPECIFICATIONS

TRANSMISSION PERFORMANCE

ANSI/TIA-568-C.2: exceeds category 5e (1-100 MHz) component specifications

TRANSMISSION MEDIA

Unscreened twisted pair (U/UTP)

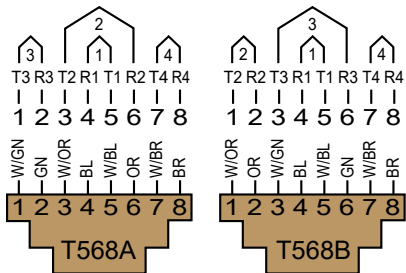
JACK TYPE

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

WIRING SCHEME

ANSI/TIA-568-C.2: T568A & T568B

ISO/IEC 11801 2nd Ed.: 8-position pin/pair assignment (1-2/3-6/4-5/7-8)



WIRE GAUGE

22 to 24 AWG (0.644 to 0.511 mm)

CONSTRUCTION

Panel: Steel with corrosive resistant black finish

Connector:

Housing: High-impact thermoplastic, UL94V-0 fire-retardant

Spring Wire: Phosphor bronze alloy plated with min 50 µin of gold over 70 µin to 100 µin of nickel plating

IDC: 110 type, phosphor bronze alloy with 100-µin 100% tin alloy

MECHANICAL

Total Contact Force: Min 800 g for 8 wire leads with FCC compliant 8p8c plug

Retention: 50 N (11 lbf) for 60 ± 5 s

Mating Cycle Life: Min 750 cycles with FCC compliant 8p8c plug

ENVIRONMENTAL CONDITIONS

Operating Temperature: 14 °F to 140 °F (-10 °C to 60 °C)

Storage Temperature: -40 °F to 158 °F (-40 °C to 70 °C)

Operating RH: 93% Max (non-condensing)

ELECTRICAL

Insulation Resistance: Min 500 MOhm @ 100 Vdc

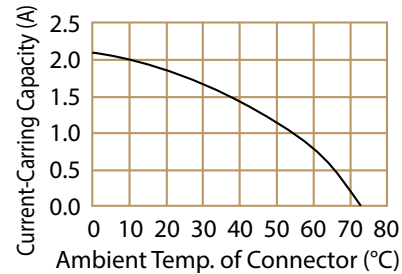
Dielectric Withstanding Voltage:

1,000 Vdc/ac peak contact-to-contact @ 60 Hz for 1 min

Spring Wire Contact Resistance: Max 20 mOhm

IDC Contact Resistance: Max 2.5 mOhm

Current Rating:



DIMENSIONS

Panel: 19-in rack mountable

Depth:

Panel (only): 1.4" (35 mm)

CMB-250-P: Front-mounted: 2.5" (65 mm); **Rear-mounted:** 2.1" (80 mm)

CMB-550-M: Front-mounted: 5.6" (140 mm); **Rear-mounted:** 6.1" (155 mm)

CMBRKT-01: 2.5" (65 mm) front-mount only

Height:

24458MDX-C5E: 1 RMU (1.75" (44.45 mm))

48458MDX-C5E: 2 RMU (3.50" (88.90 mm))

COMPLIANCE

ANSI/TIA-568-C.2, IEEE 802.3 ab, FCC Part 68 Subpart F, UL 94V-0, 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 T (up to 25 m (82 ft)), TR 4/16/100, 100BASE-VG, ATM LAN 25/51/155, TP-PMD

WARRANTY

5 - Year Limited Component