



24458-C5E

24 Port Cat5E MT Series Patch Panel 1RU

PRODUCT OVERVIEW	-
Product Description	Category 5e MT-Series Unscreened Patch Panel
Product Overview	<p>The Category 5e MT-Series Unscreened Patch Panels are designed to offer a complete panel and jack option. The MT-series includes the option of a 24, 48, or 72 port panel, black snap in keystone jacks, and a cable management bar. This unique design allows easy termination and greater flexibility for future adds, moves or changes, giving installers the perfect cost effective solution for Category 5e applications.</p> <p>The patch panels rolled-edge steel construction eliminates panel flex, and in lieu of field termination, a standard single-position 110 termination tool or a specialized Signamax multi-pair tool can be used. For easy circuit identification, each port designation features a labeling area with a reference number. The keystone jacks are rated for a minimum of 750 plug insertions providing for the highest level of system reliability.</p>
Package Qty.	1

PRODUCT FEATURES	-
Features	<p>Exceeds ANSI/TIA-568-C.2 transmission performance specifications</p> <p>Supports TIA-568-C.2 category 5e 100 meter channel performance</p> <p>Removable rear cable management bar</p> <p>Improved wire retention and ease of termination with rear 110 type contacts</p> <p>Slim profile for the highest density applications</p> <p>Cold-rolled steel construction for maximum strength and durability</p> <p>Easy-to-read T568A/B wiring scheme color-coded label</p>

SPECIFICATIONS & DIMENSIONS	-
Transmission Performance	ANSI/TIA-568-C.2: meets or exceeds category 5E (1-250 MHz) component specifications
Jack Type	8p8c (8-position, 8-contact) "RJ45" style
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)
Mounting Dimensions	24458-C5E: 19" rack mountable, 1.75" (1 RMU) high 48458-C5E: 19" rack mountable, 3.50" (2 RMU) high
Physical Characteristics	Panel housing: SAE 1010 1.6 mm (0.063 in), black paint coating Connector housing: high-impact, flame-retardant UL 94V-0 thermoplastic Jack spring wire: phosphor bronze alloy plated with 50 µin of gold over 70-100 µin of nickel IDC: 110 type, phosphor bronze alloy with 100-µin 100% tin (Sn) alloy
Electrical/Optical Characteristics	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
Environmental Characteristics	Storage: -40 °C - +70 °C (-40 °F - +158 °F) Operation: -10 °C - +60 °C (+14 °F - +140 °F) RH (operation): max non-condensing 93 %
Warranty	5-year limited component warranty 10-year Signamax Link/Channel Warranty 15-year Signamax Extended Component Warranty 25-year Signamax Cabling System Warranty
Media Type	Category 5E UTP