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AV, SECURITY & NETWORKING SOLUTIONS

48458-C6C

48 Port Category 6 MT Series Patch Panel

PRODUCT OVERVIEW	-
Product Description	48-Port Category 6 MT-Series Unscreened Patch Panel, ”-High
Product Overview	Category 6 Patch Panels are designed to exceed ANSI/TIA-568-C.2 component, permanent link and channel performance specifica-tions providing usable bandwidth beyond 250 MHz and are backward compatible with lower category cabling systems. These high-density panels are available in 12- through 48-port versions and feature enhanced front and rear labeling features for easy circuit identification. Category 6 panels support both T568A and T568B wiring schemes using an easy-to-read color-coded wiring label. Panels are constructed for maximum strength and durability and feature a fully enclosed, modular design, which provides flex-ibility and protection of printed circuitry during termination. The RJ-45 contact configuration provides enhanced plug-to-jack connection in-tegrity for superior reliability. Rear termination is made quick and easy using a 4-pair inline 110-type connector compatible with our category 6 multipair impact tool to reduce installation time or an industry standard single-position 110-tool. Panels include an integrated cable management feature for cable routing and strain relief requirements. An optional cable manage-ment bar, which mounts easily to the back of the panel, is available for improved cable routing and strain relief.
Package Qty.	1

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

SPECIFICATIONS & DIMENSIONS	-
Transmission Performance	ANSI/TIA-568-C.2: meets or exceeds category 6 (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-C6C: 19” rack mountable, 1.75” (1 RMU) high 48458-C6C: 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 6 UTP 4246, 254246