

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	<p>Category 6 Patch Panels are designed to exceed ANSI/TIA-568-C.2 component, permanent link and channel performance specifications 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.</p> <p>Panels are constructed for maximum strength and durability and feature a fully enclosed, modular design, which provides flexibility and protection of printed circuitry during termination. The RJ-45 contact configuration provides enhanced plug-to-jack connection integrity 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.</p> <p>Panels include an 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.</p>
Package Qty.	1

PRODUCT FEATURES	-
Features	<ul style="list-style-type: none"> • 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 reduce installation 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