

## KJ458MT-C6C-xx

Category 6 RJ45 Jack



<b>PRODUCT OVERVIEW</b>	-
Product Description	Category 6 MT-Series High-Density Keystone Jack, T568A/B Wiring
Product Overview	<p>Category 6 Keystone Jacks have been designed to meet the need for today's high-bandwidth applications. Category 6 connectors are slim in profile for the highest density applications, and are engineered to exceed all ANSI/TIA-568-C.2 category 6 requirements.</p> <p>Jacks support both T568A and T568B wiring schemes using an easy-to-read color-code wiring label and can be terminated using standard single-position 110 tools. The connectors contact design provides enhanced plug-to-jack connection integrity, protects against damage caused by insertion of 4- or 6-position plugs and is rated for a minimum of 750 plug insertions providing for the highest level of reliability. Rear 110-type contacts are designed to provide improved conductor retention and ease of termination.</p> <p>Special design features allow jack to be terminated with a standard 110 single-position tool or with the Signamax four-pair tool.</p> <p>Jacks feature the ability to mount either color-coded icon tabs for service identification or dust covers to protect unused jacks from dust and other contaminants. Jacks are available in nine colors and are supplied with two color-matched icon tabs and dust covers for voice or data identification.</p>
Package Qty.	1

<b>Product Features</b>	-
Features	<ul style="list-style-type: none"> <li>• Guaranteed to meet or exceed TIA-568-C.2 component performance</li> <li>• Supports TIA-568-C.2 category 6 100-meter channel performance</li> <li>• Multi-purpose keystone design - equally suitable as a work area outlet and a patch panel port</li> <li>• 180° high density - compatible with all Signamax keystone faceplates, surface mount boxes, and snap-in patch panels</li> <li>• Terminated with standard single-position 110 or Signamax four-pair termination tools</li> <li>• Rated for at least 750 plug insertions providing for the highest level of system reliability</li> <li>• Rear 110 type contacts provide improved wire retention and ease of termination</li> <li>• Contact design provides enhanced plug-to-jack connection integrity and protects against damage caused by insertion of 4- or 6-position plugs</li> <li>• T568A and T568B wiring with an easy-to-read color-code wiring label for maximum flexibility</li> <li>• Colors: IV, WH, BK, BU, GY, GN, OR, RD, YE</li> </ul>

<b>SPECIFICATIONS &amp; DIMENSIONS</b>	-
Transmission Performance	ANSI/TIA/EIA-568-C.2: meets or exceeds category 6 (1-250 MHz) component specifications
Connectors	Modular Plug 8 contacts, 8 Positions
Jack Type	8p8c (8-position, 8-contact) "RJ45" style
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)
Mounting Dimensions	D 30.00 mm H 19.30 mm W 16.90 mm D 1.181 in H 0.760 in W 0.665 in
Physical Characteristics	Housing: high impact thermoplastic, UL94V-0 fire retardant 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
Warranty	5-year limited component warranty 10-year Signamax Link/Channel Warranty 15-year Signamax Extended Component Warranty 25-year Signamax Cabling System Warranty