

## KJ458MT-C5E-XX

Category 5e MT-Jack



<b>PRODUCT OVERVIEW</b>	-
Product Description	Category 5e MT-Series High-Density Keystone Jack, T568A/B Wiring -
Product Overview	Category 5e unscreened high-density keystone jacks have been designed to meet the need for today's high-bandwidth applications. Category 5e connectors are slim in profile for the highest density applications, and are engineered to exceed all ANSI/TIA-568-C.2 category 5e requirements. Special design features allow jack to be terminated with a standard 110 single-position tool or with the Signamax four-pair tool.
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 5e 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>• Contact design provides enhanced plug-to-jack connection integrity and protects against damage caused by insertion of 4- or 6-position plugs</li> <li>• Rear 110 type contacts provide improved wire retention and ease of termination</li> <li>• T568A and T568B wiring with an easy-to-read color-code wiring label for maximum flexibility</li> </ul> COLORS: DI, WH, GY, OR, YE, RD, BU, BK

<b>SPECIFICATIONS &amp; DIMENSIONS</b>	-
Transmission Performance	ANSI/TIA-568-C.2: meets or exceeds category 5e (1-100 MHz) component specifications
Jack Type	8p8c (8-position, 8-contact) "RJ45" style <b>TOOL: KJMT-8600</b>
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	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
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