

Detailed Specification & Technical Data



KJ458MT-C6A-cc

Category 6A Keystone Jack, T568A/B Wiring
cc: Black, Blue, Green, White



PRODUCT OVERVIEW	
Product Description	Category 6 MT-Series High-Density Keystone Jack, T568A/B Wiring
Product Overview	<p>Category 6A unscreened high-density keystone jacks have been designed to meet the need for today's high-bandwidth applications. Category 6A connectors are slim in profile for the highest density applications, and are engineered to exceed all ANSI/TIA-568-C.2 category 6A requirements.</p> <p>Jacks support both T568A and T568B wiring schemes for maximum flexibility using an easy-to-read color-code wiring label. Special design features allow jack to be terminated with a standard 110 single-position tool or with the Signamax four-pair tool. 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 system reliability.</p> <p>Jacks feature the ability to mount either color-coded icons for service identification or dust covers to protect unused jacks from dust and other contaminants. Rear 110 contacts provide improved conductor retention and ease of termination. Jacks are supplied with a metallized plastic cable retention cap, which eliminates alien crosstalk for maximum performance.</p>
Package Qty.	Min order 20
PRODUCT FEATURES	
Features	<ul style="list-style-type: none"> • Guaranteed to meet or exceed TIA-568-C.2 component performance Rated for at least 750 plug insertions providing for the highest level of system reliability • Supports TIA-568-C.2 category 6A 100-meter channel performance • Contact design provides enhanced plug-to-jack connection integrity and protects against damage caused by insertion of 4- or 6-position plugs • Multi-purpose keystone design - equally suitable as a work area outlet and a patch panel port • T568A and T568B wiring with an easy-to-read color-code wiring label for maximum flexibility • 180° high density - compatible with all Signamax keystone faceplates, surface mount boxes, and snap-in patch panels Have an ability to mount either color-coded icon tabs for service identification or dust covers to protect unused jacks from dust and other contaminants Rear 110 type contacts provide improved wire retention and ease of termination • Terminated with standard single-position 110 or Signamax four-pair termination tools
SPECIFICATIONS & DIMENSION	
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)
Physical Characteristics	D 42.40 mm H 25.80 mm W 14.60 mm D 1.669 in H 1.016 in W 0.575 in
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 1,500 Vdc/ac peak contact-to-panel @ 60 Hz for 1 min Spring wire contact resistance: max 20 mOhm IDC contact resistance: max 2.5 mOhm Current
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	4246A, 254246A