

## KJ5458TL-C5E

Category 5e Shielded Tool Less Jack



<b>PRODUCT OVERVIEW</b>	-
Product Description	Category 5e Screened Toolless Keystone Jack, T568A/B Wiring
Product Overview	<p>Signamax category 5e screened toolless keystone jack is designed to exceed TIA-568-C.2 performance specifications. Screened key-stone jacks with an overall overlap solid shielding design are capable to guarantee 100-meter four-connector channel performance in environments with elevated EMI levels.</p> <p>Category 5e screened toolless keystone jack is compatible with Signamax keystone faceplates (1-, 2-, and 4-port) and snap-in patch panels (24-port 1-RMS and 48-port 2-RMS) providing flexibility in field installation and easy connection to the telecommunications bonding and grounding system.</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 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>• High density - compatible with all Signamax keystone faceplates, surface mount boxes, and snap-in screened and unshielded patch panels</li> <li>• Overall solid screening design</li> <li>• Toolless - does not require standard or any other termination tools</li> <li>• T568A and T568B wiring with an easy-to-read color-code wiring label for maximum flexibility</li> <li>• 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>• Rated for at least 750 plug insertions providing for the highest level of system reliability</li> </ul>

<b>SPECIFICATIONS &amp; DIMENSIONS</b>	-
Transmission Performance	ANSI/TIA-568-C.2: exceeds category 5e (1-100 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	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: screened case: copper C2680, 0.25 mm (0.0098 in), 100 micro inches nickel plated contact holder: high impact thermoplastic, PBT UL94V-0 fire retardant Jack contacts: phosphor bronze 5100W temper wire, min 50 in of gold plating over 100 in nickel plating
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 DC contact resistance: max 0.1 Ohm
Environmental Characteristics	Storage temperature: -40 °C - +68 °C (-40 °F - 154 °F) Operating temperature: -10 °C - +60 °C (-14 °F - 140 °F) Humidity: 10 % - 90 % RH
Warranty	5-year limited component warranty
Media Type	4245F & 254245F