

Detailed Specification & Technical Data



RJ4565-C6C-24

RJ45 – Cat6 Shielded Tool less Jack



PRODUCT OVERVIEW	-
Product Description	<p>The West Penn Wire Category 6 Screened Toolless Keystone Jacks have been designed to meet the need for today's high-bandwidth applications. These connectors are slim in profile for the highest density applications and terminate with the integrated termination cap of the connector.</p> <p>The contact design provides enhanced plug-to-jack connection integrity and protects against damage caused by insertion of 4 or 6 position plugs. This screened toolless jack is also rated for a minimum of 750 plug insertions providing for the highest level of system reliability</p> <ul style="list-style-type: none"> • Exceeds ANSI/TIA-568-C.2 component performance specifications • Meets IEEE 802.3an 10 Gigabit Ethernet transmission requirements • Overall solid-metal shielding design for 360-degree screen coverage • Integrated toolless termination cap eliminates the need of any special tools • Improved wire retention and ease of termination with rear 110 type contacts • Easy-to-read T568A/B wiring scheme color-code label • Compatible with Signamax screened snap-in patch panels and work area faceplates
Technical Data	<p>TRANSMISSION PERFORMANCE ANSI/TIA-568-C.2: exceeds category 6 (1-250 MHz) component specifications</p> <p>TRANSMISSION MEDIA Unscreened (U/UTP) or screened (U/STP, F/UTP, F/STP, S/UTP, S/STP, SF/UTP, SF/STP) twisted pair Cable Diameter: Min: 0.20" (5 mm) Max: 0.35" (9 mm)</p> <p>JACK TYPE 8p8c (8-position, 8-contact) "RJ45" style</p> <p>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)</p> <p>WIRE GAUGE 22 to 24 AWG (0.644 to 0.511 mm)</p> <p>ELECTRICAL 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 Rating: Refer to downloadable spec sheet.</p>

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Package Qty	24