

Category 5e Toolless FTP Keystone Jack



KJ-1215-09

Applications

Shielded Toolless Cat5e Keystone Jack for B3 Internationals Faceplates, Surface mount Boxes and Snap-In Panels. Suitable for Local Area Networks, Data Centre and Video Applications delivering 1000base-t Gigabit Ethernet, 100BASE-TX Fast Ethernet, 622 Mbps ATM, 155 Mbps ATM and Composite Video.

Product Picture



Environmental Conditions

| Relative Humidity (Operational) | Temperature | |
|---------------------------------|--------------|--------------|
| | Storage | Operational |
| Maximum Non Condensing 93% | -40 to +70°C | -10 to +60°C |

Electrical Characteristics

| Electrical Insulation Resistance | Dielectric Withstanding Voltage | Contact Resistance | |
|----------------------------------|---------------------------------|--------------------|------------|
| | | Spring Wire | IDC |
| Min. 500 MΩ at 100Vd.c. | 1000V RMS 60Hz for 1 minute | Max. 20mΩ | Max. 2.5mΩ |

Mechanical Characteristics

| Retention | Insertion/Extraction Life | IDC Wire Gauge | Wiring Scheme |
|----------------|---------------------------|----------------|------------------------|
| 50N for 60s±5s | Min. 750 Cycles | 22-24AWG | Labelled T568A & T568B |

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Physical Characteristics

| Housing | Spring Wire | IDC |
|---------------------------|--|--|
| Zinc Alloy Fully Shielded | Phosphor Bronze Alloy plated with 50µ Inch of Gold | Phosphor Bronze Alloy with 100µ Inch of Sn Alloy |

Typical Performance Test Data

| Frequency (MHz) | Min. Return Loss (dB) | Max. Insertion Loss (dB) | Min. NEXT (dB) |
|-----------------|-----------------------|--------------------------|----------------|
| 1 | 30.0 | 0.10 | 65.0 |
| 4 | 30.0 | 0.10 | 65.0 |
| 8 | 30.0 | 0.11 | 64.9 |
| 10 | 30.0 | 0.13 | 63.0 |
| 16 | 30.0 | 0.16 | 58.9 |
| 20 | 30.0 | 0.18 | 57.0 |
| 25 | 30.0 | 0.20 | 55.0 |
| 31.25 | 30.0 | 0.22 | 53.1 |
| 62.5 | 24.1 | 0.32 | 47.1 |
| 100 | 20.0 | 0.40 | 43.0 |

Reference Standards

| |
|--|
| ISO/IEC 11801 |
| ANSI/TIA/EIA-568-C2 5e Connecting Hardware |
| EN50173-1 |
| UL94V-0 |
| IEC 60603-7-3 |
| UL1863 |
| RoHS directives |