

CAT 5e - 8P8C Jack



CAT 5e - 8P8C Keystone Jack

Description

ACTON's Category 5e unscreened keystone jack fits all standard keystone jack openings and with an adapter it can be used with either Clipsal or HPM style wall plates.

The jack can be terminated using either a Krone or 110 style impact tool and can be configured to suit T568A or T568B wiring. This high quality jack is available in a range of colours; white, blue, yellow, green, red and black.

The Category 5e jack has been designed for high-speed voice & data applications and exceeds all ANSI/TIA/EIA 568B, ISO/IEC 11801 and AS/NZS 3080 Standards requirements.

The jack can be used together with Category 5e cable and accessories to construct a link or channel with Category 5e/ Class D performance.

Product and system performance is guaranteed for 15 years through the Acton warranty program (visit www.actonsystems.com for details).

Ordering Information:

C5JWH - Cat 5e keystone jack, white, 10 pack

C5JBK - Cat 5e keystone jack, black, 10 pack

Key Features

- Fits standard keystone jack openings
- 8-position unscreened modular connector (RJ45) with 50 microinches of gold over nickel contacts
- Colour coded for T568A/B termination
- Available in 6 colours
- Fully Standards and ACA compliant
- UL certified Cat 5e performance
- Suitable for Category 5e / Class D links and channels

Available From

Technical Information

PERFORMANCE SPECIFICATIONS

AS/NZS 3080:2003
AS/ACIF S008: 2001
ISO/IEC11801: 2002
ANSI/TIA/EIA-568-B.2

APPROVALS:

UL Certified Category 5e
ACA Compliant (N13181)

MECHANICAL SPECIFICATIONS

Jack insertion durability: ≥ 750 mating cycles
Plug & jack contact force: $\geq 100\text{g}$ with FCC approved plug
Plug retention force: $\geq 133\text{N}$

ELECTRICAL SPECIFICATIONS

Insulation resistance: $\geq 500\text{M}\Omega$
Contact resistance: $\leq 20\text{ m}\Omega$
DC resistance: $\leq 0.1\Omega$
Current rating: $\geq 1.5\text{ A}$

PHYSICAL SPECIFICATIONS

Housing: Flame retardant plastic, UL94V-O
RJ45, 8-position connector: Meets FCC part 68 and IEC 603-7
Connector wiring: Plating 50μ inches gold over nickel
IDC wire range: Solid or stranded, 22-26 AWG, $0.64\text{mm}^2 - 0.4\text{mm}^2$
Operating temperature range: -10°C to 60°C

SUPPORTED APPLICATIONS

Voice
ISDN: Basic & Primary Access
Token Ring: 4/16/100 Mbps
ATM: 25/52/155 Mbps
Ethernet: 10BASE-T; Fast Ethernet: 100BASE-TX/T2/T4; Gigabit Ethernet: 1000BASE-T
Broadband video

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