

Joiners and Couplers



CAT 5e Cable Joiners

Description

ACTON's cable joiners allow two Category 5e UTP 4-pair cables to be joined while maintaining Category 5e channel performance.

The cable joiners can be terminated using either a Krone or 110 style impact tool and can be configured to suit T568A or T568B wiring.

Ordering Information:

C5CJ - Cat 5e Cable Joiner, K110

Key Features

- Joins two 4-pair Cat 5e UTP cables
- Terminate with Krone or 110 style tool
- Colour coded for T568A/B termination
- Fully Standards and ACA compliant
- Suitable for Cat 5e / Class D channels
- Colour white



CAT 5e & Cat 6 Couplers

Description

ACTON's couplers allow two Category 5e or Category 6 UTP patch cables to be joined while maintaining Category 5e (Class D)/ Category 6 (Class E) channel performance.

The couplers provide two 8P8C, RJ45 sockets either in line or at right angles.

Ordering Information:

C5AD - Cat 5e 2 x 8P8C jacks

C5ADR - Cat 5e 2 x 8P8C jacks r/angle

C6AD - Cat 6 coupler 2 x 8P8C jacks

Key Features

- Joins two Cat 5e or Ca6 UTP patch cables
- Straight through wiring
- In line and right angle versions
- Fully Standards and ACA compliant
- Maintains channel performance

Available From Repelec Trade Solutions: 1300 555 586

Technical Information

PERFORMANCE SPECIFICATIONS

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

APPROVALS:

ACA Compliant (N13181)

MECHANICAL SPECIFICATIONS

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



ELECTRICAL SPECIFICATIONS

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

PHYSICAL SPECIFICATIONS

Housing: Flame retardant plastic, UL94V-0
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, $0.64mm^2 - 0.4mm^2$
Operating temperature range: $-10^{\circ}C$ to $60^{\circ}C$

SUPPORTED APPLICATIONS

Voice
ISDN: Basic & Primary Access
Token Ring: 4/16/100 Mbps
ATM: 25/52/155 Mbps; 1.2Gbps (Cat 6 coupler only)
Ethernet: 10BASE-T; Fast Ethernet: 100BASE-TX/T2/T4; Gigabit Ethernet: 1000BASE-T
Broadband video

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