

Surface Mount Boxes



CAT 6 - 8P8C Single and Dual Surface Mount Boxes



Description

ACTON's surface mount boxes are fitted with Category 6 unscreened keystone jack/s. The boxes are supplied with screws and adhesive tape for easy installation and an ID label for outlet designation.

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

The Category 6 jack has been designed for high-speed voice & data applications and can be used together with Category 6 cable and accessories to construct a link or channel with Category 6/ Class E performance.

UL certified Category 6 link / channel performance when used when used together with Acton Category 6 cable, patch panels and patch cords.

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

Ordering Information:

C6SM1-Cat 6 Single S/Mount 8P8C, White
C6SMS1-Cat6 Single Shuttered S/Mt Box, White

C6SM2-Cat 6 Dual S/Mount 8P8C, White
C6SMS2-Cat6 Dual Shuttered S/Mt Box White

Key Features

- White boxes fitted with white unscreened Category 6 keystone jack/s
- Supplied with mounting screws, adhesive tape and ID label
- 8-position modular connector (RJ45) with 50 microinches of gold over nickel contacts
- Colour coded for T568A/B termination
- Suitable for Category 6 / Class E links and channels
- UL certified Cat 6 link / channel performance
- Standards and ACA compliant
- 15 year warranty available

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 6 link / channel performance when used together with Acton Category 6 cable, patch panel and patch cords
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-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, $0.64mm^2 - 0.4mm^2$
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 ; 1.2 Gbps
Ethernet: 10BASE-T; Fast Ethernet: 100BASE-TX/T2/T4; Gigabit Ethernet: 1000BASE-T
Broadband video

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