Actassi Category 6A RJ45 UTP/FTP
Product Overview Catalogue

Your Complete
Actassi 6A Solution

cipsal.com

DATACOMMS
Established in 1920, Clipsal by Schneider Electric is Australia’s number one brand of electrical products, accessories and solutions. Throughout our history, Clipsal has evolved and grown with great success by supporting our local economy, and providing products manufactured at multiple sites across Australia. In our role as an industry leader, Clipsal is dedicated to supplying you with the most innovative and sustainable electrical solutions available. As part of Schneider Electric, the largest global specialists in energy management, Clipsal provides a total electrical solution for any project or application.

Your Complete Actassi 6A Solution
As global data specialists, Clipsal offers Actassi – a comprehensive range of Cat. 3, 5e, 6A, 7A and fibre optic structured cabling products. These are further supported by an extensive selection of cabinets and accessories to complete your end-to-end data solution.

Category 6A is the current benchmark for copper LAN cabling systems. With Clipsal’s Actassi Category 6A solution, both UTP and FTP RJ45 solutions are offered, with the flexibility to provide solutions for any data installation.

Clipsal’s Actassi 6A solutions are designed to support the 10G Base-T protocol over 90m of horizontal cabling, suitable for high-speed data transfers and high bandwidth. Considering these critical requirements, you can be assured of its performance, with every component having been designed and tested, ensuring alien crosstalk issues have been addressed. From commercial developments to educational facilities, Actassi provides a solid communications platform for all data requirements.

Category Classifications

<table>
<thead>
<tr>
<th>Supported Protocols</th>
<th>CAT. 3</th>
<th>CAT. 5e</th>
<th>CAT. 6</th>
<th>CAT. 6A</th>
<th>CAT. 7A</th>
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<tbody>
<tr>
<td>Class Classification</td>
<td>Class B</td>
<td>Class D</td>
<td>Class E</td>
<td>Class EA</td>
<td>Class FA</td>
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<tr>
<td>Bandwidth</td>
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<td>100MHz</td>
<td>200MHz / 250MHz</td>
<td>500MHz</td>
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<td>Maximum Transmission Rate</td>
<td>10Mbps</td>
<td>1,000Mbps (Gigabit Ethernet)</td>
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<tr>
<td>Usability</td>
<td>Predominantly telephone distribution systems</td>
<td>Regular data and voice traffic</td>
<td>Higher data traffic (multimedia, streaming)</td>
<td>High data traffic, backbone distribution systems, SAN</td>
<td>High data traffic, backbone distribution systems, SAN</td>
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</table>
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  Horizontal Cable Management (Deep), Side Rings
Actassi
Category 6A RJ45 UTP

Cable

Clipsal Actassi 4-Pair Category 6A UTP Cable delivers excellent network performance, when used in conjunction with other Clipsal Actassi Category 6A UTP products. The cable consists of four pairs of solid insulated copper 23 AWG (0.59mm) and is UL listed, with a CM fire rating (LSZH cable is available upon request). It is designed for use in horizontal cabling situations and supplied on a reel in 305m (1,000ft) lengths.

The cable provides a significant margin above the minimum Category 6A near end crosstalk (NEXT) requirement of TIA/EIA 568-B.3-1 and ISO/IEC 11801.

Electrical Performance

<table>
<thead>
<tr>
<th>Frequency (MHz)</th>
<th>Attenuation (DB/100m)</th>
<th>NEXT (DB)</th>
<th>PSNEXT (DB)</th>
<th>ELFEXT (DB/100m)</th>
<th>PSELFEXT (DB/100m)</th>
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<th>Delay</th>
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Catalogue No. Description
2D4P6AIPV3R-BU LAN Cable Category 6A UTP 4-Pair, 305m Reel (Blue Only)

Specifications

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<td>Product Standard Certification</td>
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<td>Application</td>
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Construction

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<td>Insulation</td>
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<td>Average Thickness</td>
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<td>Min. Point Thickness</td>
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<td>Filler</td>
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<td>Jacket</td>
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<td>Ripcord</td>
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Electrical Characteristics

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<td>Characteristic Impedance</td>
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<td>1.0-500.0MHz Delay Skew</td>
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<td>Pair-to-Ground Capacitance Unbalance</td>
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<td>Max. Conductor d.c. Resistance 20°C</td>
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Mechanical Characteristics

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<td>Test Material</td>
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<td>Operating Temp</td>
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<tr>
<td>Installation Temp</td>
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24-Port Patch Panel

The Clipsal Actassi 24-Port Patch Panel features individual Category 6A jacks that are colour coded for both 568A and 568B Standards. This patch panel is loaded with 24 keystone connectors.

This patch panel should be terminated using a 110 tool.

Features

- Powder-coated metal framework.
- Universal colour coding for 568A and 568B Standards.
- Removable rear cable management tray.
- Compatible with standard 19 inch equipment frames.
- Individual removable keystone jacks.
- Staggered design to eliminate AXT.
- Clear and flexible labeling system, numbered and blank sheets provided.
- Additional label refill sheets can be purchased separately (RJ6AU/24PPLS). Label printing software can be downloaded from clipsal.com/trade/downloads/software. This will enable you to print the labels onto the template.

Benefits

- Complete with all mounting and cable fixing hardware.
- Rear cable management tray is supplied loose, allowing the installer to fit after termination.
- The front labelling system provides a clear and efficient means of identifying circuits.
- Powder-coated metal frame is robust and protects the patch panel from corrosion and scratching.
- Compliance with international standards gives the customer peace of mind that their network will perform to link and channel application requirements.
Catalogue No. | Description
--- | ---
RJ6AU/24PP | Patch Panel, 24-Port, Category 6A UTP, 568A/B
RJ6AU/24PPS | Patch Panel Shuttered, 24-Port, Category 6A UTP, 568A/B

Dimensions

<table>
<thead>
<tr>
<th>Product</th>
<th>A</th>
<th>B</th>
<th>C</th>
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<td>RJ6AU/24PP</td>
<td>44mm</td>
<td>482mm</td>
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Electrical Characteristics

- **Dielectric Strength**: 1,000V RMS at 60Hz for 1 minute
- **Current Rating**: 1.5A maximum
- **Insulation Resistance**: 200MΩ minimum
- **Contact Resistance**: 1MΩ per contact
- **Temperature Range**: -40°C to 70°C
- **Transmission Performance**: ISO/IEC 11801 Class EA, AS/NZS 3080:2003 Class EA

Connector Characteristics

**Modular Connector**
- **RJ45 8-Pin Connector**: FCC part 68, subpart F and IEC-60603-7 compliant
- **Durability**: 750 insertion cycles
- **Material**: Phosphor bronze with 50 microinches of gold over 100 microinches nickel plating

**IDC Connector**
- **IDC Connector**: Suitable insulation of 22 to 24/AWG (0.64 to 0.41mm)
- **Insulation Diameter (Wire)**: 0.70-1.40mm
- **Durability**: 10 insertions of any combination of wire gauge (2 wires per slot)
- **Connector Material**: Phosphor bronze with nickel plating
- **IDC Body and Cover Material**: Fire-retardant, UL 94V-0, plastic
These Clipsal Actassi Category 6A UTP Modular Connector’s are colour coded for both 568A and 568B Standards. Clear wire retaining caps are supplied and should be used to provide additional cable strain relief. This modular connector is designed to be terminated using a 110 tool.

**Features**
- Backward compatible with Category 5e and Category 6 products.
- Flexible locking tabs.
- UL 940-0 rated.
- Accepts solid 22 - 24/AWG diameter conductors.
- Retaining cap supplied for added cable strain relief.

**Benefits**
- Various colours for easier circuit identification.
- Can be used in Multi-User Telecommunication Outlet (MUTO) applications and Consolidation Points (CP).
- Clear insulation displacement connector caps allow for termination verification and assist in cable retention.
Catalogue No. Description
30RJ45SMA6A-XX Connector RJ45 Category 6A. Suits Clipsal wall plates.

For colour XX: White Electric (WE), Black (BK), Blue (BU), Cream (CM), Battleship Grey (GB), Red (RD), Green (GR), Soft Grey (SG) and Yellow (YL).

**Dimensions**

<table>
<thead>
<tr>
<th>Product</th>
<th>A</th>
<th>B</th>
<th>C</th>
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<td>30RJ45SMA6AS</td>
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**Electrical Characteristics**

- Dielectric Strength: 1,000V RMS at 60Hz for 1 minute
- Current Rating: 1.5A maximum
- Insulation Resistance: 200MΩ minimum
- Contact Resistance: 1MΩ per contact
- Temperature Range: -40°C to 70°C

**Mechanical Characteristics**

**Modular Connector**
- RJ45 8-Pin Connector: FCC part 68, subpart F and IEC-60603-7 compliant
- Durability: 750 insertion cycles minimum
- Material: Phosphor bronze with 50 microinches of gold over 100 microinches nickel plating
- Format: 30 mechanism non-shuttered

**IDC Connector**
- IDC Connector: Suitable insulation of 22 to 24 AWG (0.64 to 0.41mm)
- Insulation Diameter (Wire): 0.70-1.60mm
- Connector Material: Phosphor bronze with nickel plating
- IDC Body and Cover Material: Fire-retardant UL 94V-0, plastic

**AVAILABLE COLOURS**

- White (WE)
- Black (BK)
- Blue (BU)
- Cream (CM)
- Battleship Grey (GB)
- Red (RD)
- Green (GR)
- Soft Grey (SG)
- Yellow (YL)
Keystone Connectors

The Clipsal Actassi Category 6A UTP Keystone Connectors are a superior product, delivering the best network performance when used in conjunction with other Clipsal products in this range.

The range of products are the next generation of data communications solutions. These UTP modular connectors are colour-coded for both 568A and 568B Standards.

This keystone connector is designed to be terminated using a 110 tool.

Features

- Backward compatible with Category 5e and Category 6.
- UL 94V-0 rated.
- Accepts solid 22-24/AWG diameter conductors.
- Retaining cap supplied for added cable strain relief.

Benefits

- Various colours for easier circuit identification.
- Can be used in Multi-User Telecommunication Outlet (MUTO) applications and Consolidation Points (CP).
- Clear insulation displacement connector caps allow for termination verification and assist in cable retention.
- Suitable for use with the Actassi Category 6A UTP patch panel RJ6AU/24PP and RJ6AU/24PPS.
**Catalogue No.** | **Description**
--- | ---
RJ45SMA6A-XX | Connector RJ45 Category 6A Keystone
RJ45SMA6AS-XX | Connector RJ45 Category 6A Shuttered Keystone

For colour XX: White Electric (WE), Black (BK), Blue (BU), Red (RD), Green (GR), Soft Grey (SG) and Yellow (YL).

### Dimensions

<table>
<thead>
<tr>
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<td>RJ45SMA6AS</td>
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### Mechanical Characteristics

- **RJ45 8-Pin Connector**: FCC part 68, subpart F and IEC-60603-7 compliant
- **Durability**: 750 insertion cycles minimum
- **Material**: Phosphor bronze with 50 microinches of gold over 100 microinches nickel plating
- **Format**: Keystone non-shuttered
- **IDC Connector**: Suitable insulation of 22 to 24/AWG (0.64 to 0.41mm)
- **Insulation Diameter (Wire)**: 0.70-1.60mm
- **Connector Material**: Phosphor bronze with nickel plating
- **IDC Body and Cover Material**: Fire-retardant UL 94V-0, plastic

### Electrical Characteristics

- **Dielectric Strength**: 1,000V RMS at 60Hz for 1 minute
- **Current Rating**: 1.5A maximum
- **Insulation Resistance**: 200MΩ minimum
- **Contact Resistance**: 1MΩ per contact
- **Temperature Range**: -40°C to 70°C
- **Transmission Performance**: ISO/IEC 11801 Class EA, AS/NZS 3080:2003 Class EA

### AVAILABLE COLOURS

- White (WE)
- Black (BK)
- Blue (BU)
- Red (RD)
- Soft Grey (SG)
- Yellow (YL)

**Keystone**

- IP22 rated.
- Prevents dust ingress.
- Protects against insect infestation.
- Patent shutter.

**Shuttered Keystone**
Actassi
Category 6A RJ45 UTP

Patch Cord

The Clipsal Actassi Category 6A Patch Cord is a superior product that delivers the best network performance when used in conjunction with other Clipsal Actassi Category 6A products.

The patch cord is constructed of high grade cable and quality RJ45 plugs, and is designed to operate up to 500MHz. This enables it to operate successfully in a Category 6A environment.

The patched solution uses a FTP patch cord to assist in mitigating alien crosstalk (AXT) concerns.

The LSZH sheath is composed of thermoplastic and thermoset compounds that limit emitted smoke and zero halogens (harmful gases), when exposed to high sources of heat or fire, and are PVC free.

The patch cord delivers excellent network performance and a "greener" peace of mind. More LSZH and RoHS products are being used as networks move toward a "greener" workplace and environment.

Features

• Fully compliant to AS/NZS 3080, ISO/IEC 11801 and ANSI/TIA/EIA-568-C Series Channel and Link Standards.
• UL LSZH fire rated jacketing.
• PE insulation on conductors.
• Designed to mitigate AXT.

Benefits

• Performs to Category 6A International Standards.
• Comes in various lengths to assist with better cable management.
• Backward compatible with Category 5e and 6 products.
• Complies to LSZH requirements.
<table>
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<td>Patch Cord Category 6A LSZH 568A 2.0m</td>
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<td>RJ6AF8A30LPL-BU</td>
<td>Patch Cord Category 6A LSZH 568A 3.0m</td>
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Note: Colours available on request. Please contact Clipsal for more information.

**Electrical Characteristics**

- Current Rating: 2.0A maximum
- Insulation: 500MΩ minimum
- Contact Resistance: 20MΩ maximum

**Mechanical Characteristics**

- Gauge: 26/AWG
- Pair Count: 4-Pair individually colour coded with filler and LSZH jacket
- Sequence: Wiring sequence T568 A
- Durability: 750 mating cycles
- RJ45 Plug: FCC Part 68 Subpart F
- Plug Boot: LSZH
- Contact Material: Phosphor bronze with 50 microinches gold over 100 microinches nickel
Clipsal Actassi 4-Pair Category 6A F/UTP Cable delivers excellent network performance when used in conjunction with Clipsal Actassi Category 6A FTP products. The cable consists of four pairs of solid insulated copper 23 AWG (0.59mm) with an overall aluminium foil. With the sheath being LSZH classified it provides extra precautions against harmful emissions coming from the sheath in the event of a fire. It is designed for use in horizontal cabling, provides best immunity against external noise interference, and is supplied on a reel in 305m (1,000ft) lengths.

The cable provides a significant margin above the minimum Category 6A near end crosstalk (NEXT) requirement of TIA/EIA 568-B.3-1 and ISO/IEC 11801.

### Electrical Performance

<table>
<thead>
<tr>
<th>Frequency (MHz)</th>
<th>Attenuation (DB/100m)</th>
<th>NEXT (DB)</th>
<th>PSNEXT (DB)</th>
<th>ELFEXT (DB/100m)</th>
<th>PSELFEXT (DB/100m)</th>
<th>RL</th>
<th>Delay</th>
<th>PSANEXT (DB)</th>
<th>PSACRF</th>
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Specifications

<table>
<thead>
<tr>
<th>Catalogue No.</th>
<th>Description</th>
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<tbody>
<tr>
<td>CPL2D4P6ALSF3R-BU</td>
<td>LAN Cable Category 6A F/UTP 4 Pair, 305m Reel (Blue only)</td>
</tr>
</tbody>
</table>

**Construction**

- **Conductor**: Solid bare copper
- **AWG**: 23
- **Insulation**: PE
- **Insulated Wire Diameter**: 1.15 ± 0.10mm
- **Filler**: PE
- **Jacket**: LSZH
- **Drain Wire**: 0.4mm
- **Outer Diameter**: 7.3mm
- **Overall Screen**: Aluminium bonded poly tape

**Electrical Characteristics**

- **Characteristic Impedance**: 100 ± 5Ω
- **Delay Skew**: ≤ 45ns/100m
- **Propogation delay max @ 100mHz**: ≤ 536ns/100m
- **Max. Conductor d.c. Resistance 20°C**: 800ohms/km

**Mechanical Characteristics**

- **Test Object**: Jacket
- **Test Material**: LSZH
- **Sheath Tensile Strength**: ≥ 9MPa
- **Bend radius: During Installation**: 80mm
  - **After Installed**: 40mm
- **Pulling Tension**: 110N (25lbf)
- **Storage Temp**: -20°C to 50°C
- **Installation Temp**: 0°C to 50°C
Actassi
Category 6A RJ45 FTP

24-Port Patch Panel

The 1RU 19 inch rack mountable Actassi FTP Category 6A Patch Panels, are specifically designed to meet the highest standards in both performance and functionality.

Each panel comes supplied with high performing keystone FTP connectors, that feature time saving tool-less termination and a quick snap-in design for mounting into the patch panel.

The 6A FTP straight panel provides you with the signature Actassi look and feel, providing all the benefits of the Actassi range of patch panels.

The newly introduced angled Category 6A FTP panel provides you with the option of facilitating more with less. With the angle directing outwards to vertical management you can avoid using horizontal management allowing more rack units for your horizontal cabling.

All FTP patch panels come with the tried and trusted Clipsal features that the market expects from premium products. These include the use of high quality materials in manufacturing, integrated port labelling, full accompaniment of hardware and ties, plus an industry leading lifetime warranty program that provides unparalleled peace of mind for the installer and end user.

Features

• Nickle-plated and powder-coated frame with Earthing point.
• Individual port labelling.
• Individual snap-in connectors for easy maintenance.
• Supplied with tool-less connectors for easy installation.
• Universal colour coding for 568A and 568B standards.
• Removable rear cable management tray.
• Compatible with standard 19 inch equipment frames.
• Complete with all mounting and cable fixing hardware.

Benefits

• Rear cable management tray is supplied loose, allowing the installer to fit after termination.
• The front labelling system provides a clear and efficient means of identifying circuits.
• Powder-coated metal frame is robust and protects the patch panel from corrosion and scratching.
• Angled panel provides higher density within your rack; more cables in less real estate.
**Connector Characteristics**

**Modular Connector**
- **RJ45 8-Pin Connector**: FCC part 68, Subpart F and IEC-60603-7 compliant
- **Durability**: >750 mating cycles
- **Material**: Phosphor bronze with 50 microinches of gold over 70-100 microinches nickel plating

**IDC Connector**
- **IDC Connector**: Suitable insulation of 22 to 24/AWG (0.64 to 0.41mm)
- **Insulation Diameter (Wire)**: 0.70-1.40mm
- **Connector Material**: Phosphor bronze alloy with 100 microinches 100% Sn alloy

**Catalogue No.** | **Description**
---|---
RJ6AF/24PP | Patch Panel Category 6A FTP, 24-Port
CPLRJ6AF/24PPAN | Category 6A FTP Angled Patch Panel

**Dimensions**

<table>
<thead>
<tr>
<th>Product</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>RJ6AUF/24PP</td>
<td>44mm</td>
<td>482mm</td>
<td>124mm</td>
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<tr>
<td>CPLRJAF/24PPAN</td>
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**Electrical Characteristics**

<table>
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<tr>
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<th>Value</th>
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<td>Dielectric Strength</td>
<td>1,000V RMS at 60Hz for 1 minute</td>
</tr>
<tr>
<td>Current Rating</td>
<td>2A maximum</td>
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<tr>
<td>Insulation Resistance</td>
<td>500MO minimum @ 100V d.c.</td>
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<tr>
<td>Contact Resistance</td>
<td>2.5MO per contact</td>
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<tr>
<td>Temperature Range</td>
<td>-40°C to 70°C</td>
</tr>
<tr>
<td>Transmission Performance</td>
<td>TIA/EIA-568.C.2 channel and link performance</td>
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</table>

---

**Actassi**

Category 6A RJ45 FTP
The Clipsal Actassi range of products are the next generation of data communications solutions. These FTP modular connectors are colour coded for both 568A and 568B standards. The FTP modular connectors feature an easy to install, tool-less design. These products come in 30 mech and keystone options. The unique shielded 30 mech connector is designed to fit exclusively into all Clipsal Wall Plates.

**Features**
- Flexible locking tabs.
- Tool-less termination.
- Suits Clipsal Wall Plates.

**Benefits**
- Is backward compatible with Category 5e and 6 products, allowing component mixing without degrading the network below the minimum component category.
- Flexible locking tabs allow for easy removal from wall plates.
- Designed to eliminate alien crosstalk (AXT).
- Keystone designed to interface with any 30 mech adaptor.
### Catalogue No. Description

<table>
<thead>
<tr>
<th>Product</th>
<th>30RJ45SM6AF</th>
<th>RJ45SM6AF</th>
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<tbody>
<tr>
<td>Description</td>
<td>Connector RJ45 Category 6A FTP 30 Mech (Suits standards Clipsal Wall Plates)</td>
<td>Connector RJ45 Category 6A FTP Keystone</td>
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### Dimensions

<table>
<thead>
<tr>
<th>Product</th>
<th>A</th>
<th>B</th>
<th>C</th>
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<tbody>
<tr>
<td>30RJ45SM6AF</td>
<td>26mm</td>
<td>23mm</td>
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<td>RJ45SM6AF</td>
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### Electrical Characteristics

<table>
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<th>Characteristic</th>
<th>Specification</th>
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<td>Dielectric Strength</td>
<td>1,000V RMS at 60Hz for 1 minute</td>
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<tr>
<td>Current Rating</td>
<td>2A maximum</td>
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<tr>
<td>Insulation Resistance</td>
<td>500MQ minimum @ 100V d.c.</td>
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<tr>
<td>Contact Resistance</td>
<td>2.5MO per contact</td>
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<td>Temperature Range</td>
<td>-40°C to 70°C</td>
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<td>Transmission Performance</td>
<td>TIA/EIA-568.C.2 channel and link performance</td>
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### Mechanical Characteristics

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Specification</th>
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<tbody>
<tr>
<td>RJ45 8-Pin Connector</td>
<td>FCC part 68, Subpart F and IEC-60603-7 compliant</td>
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<tr>
<td>Durability</td>
<td>&gt;750 mating cycles</td>
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<tr>
<td>Material</td>
<td>Phosphor bronze with 50 microinches of gold over 70-100 microinches nickel plating</td>
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<tr>
<td>IDC Connector</td>
<td>Suitable insulation of 22 to 24/AWG (0.64 to 0.41mm)</td>
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<tr>
<td>Insulation Diameter (Wire)</td>
<td>0.70-1.60mm</td>
</tr>
<tr>
<td>Connector Material</td>
<td>Phosphor bronze alloy with 100 microinches 100% Sn alloy</td>
</tr>
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</table>
The Clipsal Actassi Category 6A Patch Cord is a superior product that delivers the best network performance when used in conjunction with other Actassi Category 6A products.

The patch cord is constructed of high grade cable and quality RJ45 plugs, and is designed to operate up to 500MHz. This enables it to operate successfully in a Category 6A environment.

The LSZH sheath is composed of thermoplastic and thermoset compounds that limit emitted smoke and zero halogens (harmful gases) when exposed to high sources of heat or fire, and are PVC free.

The patch cord delivers excellent network performance and a "greener" peace of mind. More LSZH and RoHS products are being used as networks move toward a "greener" workplace and environment.

**Features**
- UL LSZH fire rated jacketing.
- PE insulation on conductors.
- Designed to mitigate AXT.

**Benefits**
- Performs to Category 6A International Standards.
- Comes in various lengths to assist with better cable management.
- Backward compatible with Category 5e and 6 products.
- Complies to LSZH requirements.
### Mechanical Characteristics

<table>
<thead>
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<th>Catalogue No.</th>
<th>Description</th>
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<td>RJ6AF8A10LPL-BU</td>
<td>Patch Cord Category 6A LSZH 568A 1.0m</td>
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<td>Patch Cord Category 6A LSZH 568A 2.0m</td>
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<tr>
<td>RJ6AF8A30LPL-BU</td>
<td>Patch Cord Category 6A LSZH 568A 3.0m</td>
</tr>
<tr>
<td>RJ6AF8A50LPL-BU</td>
<td>Patch Cord Category 6A LSZH 568A 5.0m</td>
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Note: Colours available on request. Please contact Clipsal for more information.

### Electrical Characteristics

- Current Rating: 2.0A maximum
- Insulation: 500MΩ minimum
- Contact Resistance: 20MΩ maximum

### Mechanical Characteristics

- Gauge: 26/AWG
- Pair Count: 4-Pair individually colour coded with filler and LSZH jacket
- Sequence: Wiring sequence T568A
- Durability: 750 mating cycles
- RJ45 Plug: FCC Part 68 Subpart F
- Plug Boot: LSZH
- Contact Material: Phosphor bronze with 50 microinches gold over 100 microinches nickel
Actassi Category 6A RJ45
Cable Management

Horizontal Cable Management (Deep)

The Clipsal Actassi Cable Management Panel is a 1 rack unit (1RU) item designed for use in 19 inch rack environments, managing patch cords that are connected between patch panels and/or active switches. The product is recommended for mounting between every second row of patch panels/active switches.

The unique clips provide a quick and simple means of installing the panel in the rack or cabinet. The rings have been designed to facilitate easy insertion and removal of the patch leads, necessary in dynamic environments where moves and changes are required.

Features
- Clip-on cover (patented).
- Rack mount clips eliminate the need for cage nuts and screws.
- Cavities behind each ring provide additional space for cable slack.
- Additional depth on cable rings ensures compliance with minimum bend radius requirements.
- 100mm cable ring depth.

Benefits
- Quick product installation using rack mount clips.

<table>
<thead>
<tr>
<th>Catalogue No.</th>
<th>Description</th>
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<tbody>
<tr>
<td>RJ1UCMPC</td>
<td>1RU Clipsal Cable Management Panel, Deep</td>
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<table>
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<th>Product</th>
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Catalogue No. Description

Dimensions

RJ1UCMPC
Side Rings

Clipsal Actassi Side Rings are typically used in frames or cabinets to provide vertical patch cord management. These rings have several features that make them stand out. The “ring and lock” design utilises proven plastic hinge technology to guide patch cords. These rings have unique teeth locks that are easy to open and snap back to lock tight again, should you need to open the rings. The rings can be mounted with patch panels or directly onto the vertical panel mounts (VPM) of the equipment frame.

Features
- Teeth locks that provide easy access and security for patch cords.
- Available in 1RU deep and shallow versions.

Benefits
- The “ring and lock” design makes the loading and unloading of patch cords or cables easier and also secures them in place, keeping the cabinet neat and uncluttered.
- More efficient circuit identification and administration.
- The different two ring depths enable the customer to manage the cabinet or rack better, depending on the amount of patch cords being used.

### Catalogue No.

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<td>1RU Side Ring, Shallow</td>
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<tr>
<td>RJ1HUDSR</td>
<td>1RU Side Ring, Deep</td>
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### Dimensions

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</thead>
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<td>43mm</td>
<td>65mm</td>
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<tr>
<td>RJ1HUDSR</td>
<td>42mm</td>
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<td>130mm</td>
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