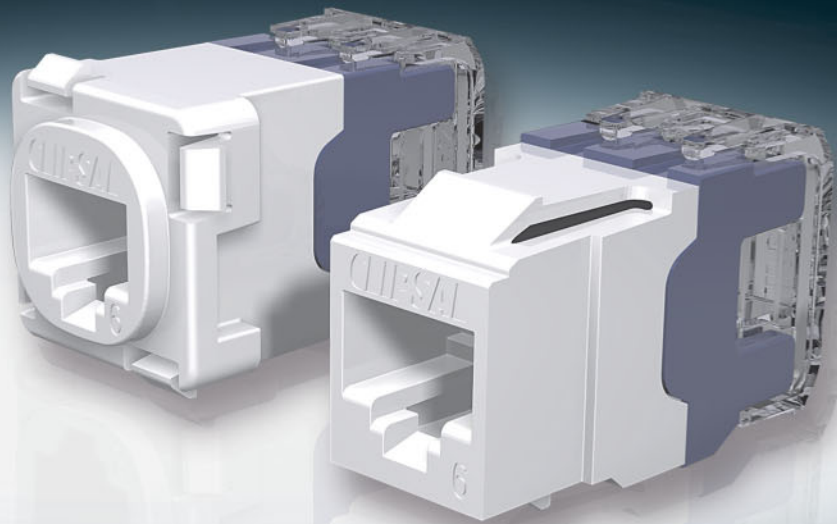


CLIPSAL *titanium*[™]

Category 6

Modular Jacks

30-Mech & Keystone



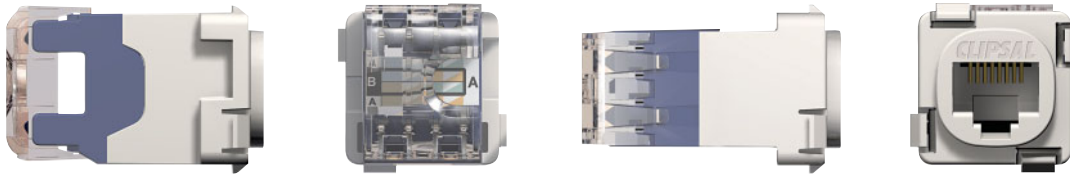
CLIPSAL
DATACOMMS

professional

The Complete End to End Solution



Clipsal Titanium Category 6 Modular Jacks



30RJ88SMA6

The Clipsal Datacomms Clipsal Titanium range of products are the next generation of data communications solutions. With Lead Frame Technology, eliminating possible PC Board failures, improving consistency in performance, and exactly matching the work-area outlets. These modular jacks are colour coded for both 568A and 568B standards and can be terminated using a Clipsal GigaPro, Krone or 110 style tool. Clear wire retaining caps are supplied and can be used to provide additional cable strain relief.

Combined with other Clipsal Titanium or Professional Series Products, they are the perfect solution to your voice and data communications needs.

PRODUCT FEATURES

- Fully compliant to AS/NZS 3080:2003, ISO/IEC 1801 Edition 2 2002 and ANSI/TIA/EIA-568-B Series Connecting Hardware Standards.
- Backward compatible with Category 5 and 5e products.
- Flexible locking tabs (30 Mech Connectors)
- Compatible with Clipsal GigaPro, 110, Krone and Bix tools.
- UL 94V-0 rated.
- Accepts solid 22-24 AWG diameter conductors.

COLOURS

White electric (WE), Black (BK), Soft Grey (SG), Green (GR), Red (RD), Yellow (YL) & Blue (BU).

CUSTOMER BENEFITS

- Performs beyond Category 6 Standards.
- Various colours for easier circuit identification.
- Is backward compatible with Category 5 and 5e products, allowing component mixing without degrading the network below the minimum component category.
- 30-Mech style fits all Clipsal Wall Plates (Australian, US and British), giving the customer access to the most popular plates on the market.
- For use in Multi-user Telecommunication Outlet Applications (MUTO) and Consolidation Points (CP).
- Flexible locking tabs allow for easy removal from Wall Plates (30 Mech)
- Clear IDC caps that allow for termination verification and assist in cable retention.
- Compatible with Clipsal GigaPro, 110 Krone and Bix tools, allowing for a wider choice of tools for installers.
- Comes with the Clipsal Lifetime Warranty – a unique feature to the market! Offering the customer peace of mind for today and into the foreseeable future.

ELECTRICAL CHARACTERISTICS

Dielectric Strength	1,000V RMS at 60Hz for 1minute
Current Rating	1.5Amp maximum
Insulation Resistance	200MΩ minimum
Contact Resistance	1mΩ per contact
Temperature Range	-40°C to +70°C
Transmission Performance	exceeds ISO/IEC 1801 Class E AS/NZS 3080:2003 Class E

MECHANICAL CHARACTERISTICS

Modular Connector

RJ45 8-Pin Connector	FCC part 68, Subpart F and IEC-60603-7 compliant
Durability	1000 mating cycles
Material	Phosphor Bronze with 50 micro- inches of gold over 100 micro-inches nickel plating

IDC Connector

IDC Connector	Insulation slicing 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 – two wires per slot
Connector Material	Phosphor Bronze with nickel plating

IDC Body & Cover Material Fire-Retardant, UL 94V-0, Plastic

CATALOGUE NO. DESCRIPTION

30RJ88SMA6	Category 6 Modular Jack 30-Mech
RJ88SMA6	Category 6 Modular Jack Keystone

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