

# Category 6 Modular Jacks



VDIB17736UWE



VDIB17756UWE



VDIB17766UWE



VDIB17746UWE

The Actassi range of Category 6 modular jacks is the next generation of data communications solutions.

The Category 6 shuttered modular jacks incorporates our patented shutter mechanism. Combining this feature with our new shutter technology and you have the most technically advanced Category 6 connector on the market. These modular jacks are colour-coded for both 568A and 568B standards and can be terminated using a Schneider Electric punch down impact or Krone tool.

Clear wire retaining caps are supplied and can be used to provide additional cable strain relief.

Combined with other Actassi Products, they are the perfect solution to your voice and data communications needs.

## ELECTRICAL CHARACTERISTICS

Dielectric Strength	<b>1,000V RMS at 60Hz for 1 minute</b>
Current Rating	<b>1.5Amp maximum</b>
Insulation Resistance	<b>200MΩ minimum</b>
Contact Resistance	<b>1mΩ per contact</b>
Temperature Range	<b>-40° C to +70° C</b>
Transmission Performance	<b>ANSI/TIA/EIA-568-B, ISO/IEC 11801 Class E AS/NZS 3080:2003 Class E</b>

## MECHANICAL CHARACTERISTICS

<b>Modular Connector</b>	
RJ45 8-Pin Connector	<b>FCC part 68, Subpart F and IEC-60603-7 compliant</b>
Durability	<b>1,000 mating cycles min.</b>
Material	<b>Phosphor bronze with 50 micro-inches of gold over 100 micro-inches nickel plating</b>
<b>IDC Connector</b>	
IDC Connector	<b>Insulation slicing of 22 to 24AWG (0.64mm to 0.41mm)</b>
Insulation Diameter (Wire)	<b>0.70mm - 1.40mm</b>
Connector Material	<b>Phosphor bronze with nickel plating</b>

## PRODUCT FEATURES

- esthetic, contemporary design.
- Patented flush-faced, zero footprint shutter mechanism.
- Fully compliant to AS/NZS 3080:2003, ISO/IEC 11801 Edition 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).
- UL 94V-0 rated.
- Accepts solid 22-24AWG diameter conductors.

## CUSTOMER BENEFITS

- Performs beyond Category 6 Standards.
- Shutter mechanism is easy to operate, simply insert the plug lead into the jack.
- Protection from dust ingress, insect infestation and the insertion of foreign objects.
- Various colours for easier circuit identification.
- 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 Schneider Electric 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 Schneide

## COLOURS

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

CATALOGUE NUMBER	DESCRIPTION	CATALOGUE NUMBER	DESCRIPTION
<b>Cat6 30 Mech Non-Shuttered</b>		<b>Cat6 Keystone Non-Shuttered</b>	
VDIB17756UBK	Non-Shutter Modular Jack, Category 6 UTP, 30M, Black	VDIB17766UBK	Non-Shutter Modular Jack, Category 6 UTP, Keystone, Black
VDIB17756UBU	Non-Shutter Modular Jack, Category 6 UTP, 30M, Blue	VDIB17766UBU	Non-Shutter Modular Jack, Category 6 UTP, Keystone, Blue
VDIB17756USG	Non-Shutter Modular Jack, Category 6 UTP, 30M, Soft Grey	VDIB17766URD	Non-Shutter Modular Jack, Category 6 UTP, Keystone, Red
VDIB17756UWE	Non-Shutter Modular Jack, Category 6 UTP, 30M, White	VDIB17766USG	Non-Shutter Modular Jack, Category 6 UTP, Keystone, Soft Grey
		VDIB17766UWE	Non-Shutter Modular Jack, Category 6 UTP, Keystone, White
		VDIB17766UYL	Non-Shutter Modular Jack, Category 6 UTP, Keystone, Yellow
<b>Cat6 30 Mech Shuttered</b>		<b>Cat6 Keystone Shuttered</b>	
VDIB17736UBK	Shutter Modular Jack, Category 6 UTP, 30M, Black	VDIB17746UBK	Shutter Modular Jack, Category 6 UTP, Keystone, Black
VDIB17736UBU	Shutter Modular Jack, Category 6 UTP, 30M, Blue	VDIB17746UBU	Shutter Modular Jack, Category 6 UTP, Keystone, Blue
VDIB17736URD	Shutter Modular Jack, Category 6 UTP, 30M, Red	VDIB17746URD	Shutter Modular Jack, Category 6 UTP, Keystone, Red
VDIB17736UWE	Shutter Modular Jack, Category 6 UTP, 30M, White	VDIB17746USG	Shutter Modular Jack, Category 6 UTP, Keystone, Soft Grey
VDIB17736UYL	Shutter Modular Jack, Category 6 UTP, 30M, Yellow	VDIB17746UWE	Shutter Modular Jack, Category 6 UTP, Keystone, White
		VDIB17746UYL	Shutter Modular Jack, Category 6 UTP, Keystone, Yellow