



Technical Data Sheet

PRO Keystone RJ45 Socket

Makes installation easier

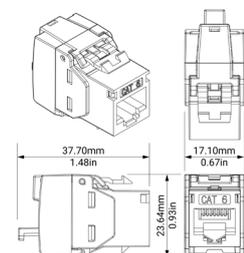
The Kordz PRO SlimCat™ Keystone RJ45 Socket is designed specifically for use with the Kordz PRO SlimCat™ Network Cable, enabling professional integrators to deliver ANSI/TIA-568.2-D Category 6 permanent link performance up to 50 metres. Additionally, the product is UL94 V-0 fire-rated and factory tested to support PoE++ at 100W. Featuring an ABS clamshell design and metal latching mechanism as the Kordz PRO Keystone RJ45 Sockets, Kordz PRO SlimCat™ Keystone makes installation easier and fit standard keystone panel cut outs. Match with other Kordz PRO SlimCat™ components for a complete Kordz ecosystem that delivers 'Connectivity Assured'.

- Enables delivery of ANSI/TIA-568.2-D Category 6 permanent link performance up to 50m when paired with Kordz PRO SlimCat™ Network Cables
- Contacts and wire manager customised for 28AWG conductors
- Easy to terminate with metal latching mechanism
- ABS clamshell design
- IEEE802.3bt 100W PoE++ capable
- UL94 V-0 fire-rated
- Eco-friendly packaging
- Available in black and white
- Lifetime warranty



Technical Specifications			
General Specifications		Dimensions	
Guaranteed Performance Category	Category 6	Body Length	37.33mm 14.7in
Applicable Performance Standards	ANSI/TIA-568.2-D / ISO/IEC 11802 UHD)	Body Width	17.10mm 6.7in
Power over Ethernet Performance	PoE++ (max 100W)	Body Height	23.68mm 9.3in
Power over Ethernet Tested Standards	IEEE802.3bt	Panel Cut-out Height (recommended)	16.10mm 6.3in
Shielding Type	Unshielded	Panel Cut-out Width (recommended)	14.50mm 5.7in
Wiring method	T568A T568B		
Mechanical Specifications			
Housing material	Polycarbonate		
Flammability Rating	UL 94 V-0		
Housing Colour	White / Black		
Front connection (RJ45 socket)	Termination method	RJ45 socket	
	Contact material	phosphor bronze	
	Contact plating	50µ" Gold Plating	
	Insertion durability	≥ 750 insertions	
	Plug retention force	133N 13.3kg 30lb	
Rear connection (IDC Side)	Termination method	IDC (Insulation Displacement Contact)	
	Compatible insulated conductor gauge	min: 26AWG max: 23AWG	
	Compatible cable diameter	min: 5.5mm max: 8.0mm	
	Contact material	Phosphor bronze	
	Contact plating	100µ" Tin Plated	
Insertion IDC	Termination durability	≥ 20 terminations	
Operating Temperature	-40° to 66°C		
Electrical Specifications		Requirement (per IEC 60603-7-4)	Tested Limit
Voltage/Current rating UL Applications	125 Volts AC / 1.5 Amps		125 Volts AC / 1.5 Amps
Dielectric Withstanding Voltage	1000 Volts DC / AC Peak		≥1000 Volts DC / AC Peak
Contact Resistance	200mΩ minimum		≤ 20mΩ
Insulation Resistance	500MΩ		≥ 500MΩ
Current carrying capacity	1A at 50°C		

Part No:	Box / unit	Master Ctn Box Qty
T2R45S-C6XU-WH	1 box / 12 pcs	20
T2R45S-C6XU-BK	1 box / 12 pcs	20



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