



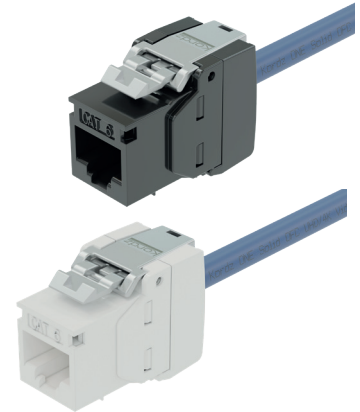
Technical Data Sheet

PRO Keystone RJ45 Sockets

Making performance easier

Kordz PRO Keystone RJ45 Sockets perfectly complement Kordz ONE Series Bulk Category Cabling and give professional integrators total confidence with an end-to-end cabling solution. Featuring a die-cast metal clamshell design and a latching mechanism, Kordz PRO Keystone RJ45 Sockets are very easy to fit. Match them with Kordz PRO Patch Cords for a complete Kordz ecosystem that delivers 'Connectivity Assured'.

- ABS clamshell design
- Available in black or white
- Easy to terminate with latching mechanism
- Sturdy and robust construction
- Manufactured with quality materials and using advanced manufacturing methods
- Available in black and white variants
- Backed by the Kordz 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	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
Packaging		Requirement (per IEC 60603-7-4)	
Packaging type	Foil Bag		
Items per bag	6 pcs / bag		
Foil bag size (M)	175mm(W)*230mm(H)*35mm(G)		
Master carton quantity	60 foil bags		
Master carton size	558(L)*298(W)*275(H)		
Part No	Foil Bag / unit	Inner Ctn Bag Qty	Master Ctn Bag Qty
T2R45S-C6XU-WH	1 bag / 6 pcs	20	60
T2R45S-C6XU-BK	1 bag / 6 pcs	20	60

