



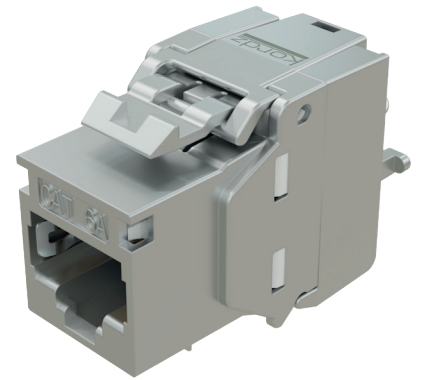
## Technical Data Sheet

# PRS Keystone RJ45 Sockets

### Designed for high performance applications

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

- Die-cast metal clamshell design
- Easy to terminate with latching mechanism
- 6 pieces per pack
- Sturdy and robust shielded construction
- Manufactured with quality materials and using advanced manufacturing methods
- Backed by the Kordz Lifetime Guarantee



Technical Specifications			
<b>General Specifications</b>		<b>Dimensions</b>	
Guaranteed Performance Category	Category 6A	Body Length	37.33mm   14.7in
Applicable Performance Standards	ANSI/TIA-568.2-D	Body Width	17.10mm   6.7in
Power over Ethernet Performance	IEEE 802.3bt PoE++ (max 100W)	Body Height	23.68mm   9.3in
Power over Ethernet Tested Standards	IEC 60512-99-002	Panel Cut-out Height (recommended)	16.10mm   6.3in
Shielding Type	Shielded	Panel Cut-out Width (recommended)	14.50mm   5.7in
Wiring method	T568A   T568B		
<b>Mechanical Specifications</b>			
Housing material	Zinc Alloy		
Flammability Rating	UL 94 V-0		
Housing Colour	Metallic		
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		
<b>Electrical Specifications</b>		<b>Requirement (per IEC 60603-7-4)</b>	
Voltage/Current rating UL Applications	125 Volts AC / 1.5 Amps	Tested Limit	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
<b>Packaging</b>		<b>Requirement (per IEC 60603-7-4)</b>	
Packaging type	Foil Bag		
Items per foil bag	6 pcs / foil bag		
Foil Bag size	175mm(W)*230mm(H)*35mm(G)		
Master carton quantity	60 foil bags		
Master carton size	558(L)*298(W)*275(H)		

