

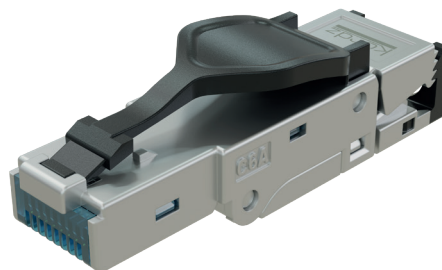
## Technical Data Sheet

# PRS Field Termination RJ45 Plug

### Designed for high performance applications

These Field Termination RJ45 Plugs 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 alligator style design and made with advanced manufactured methods, you can match them with Kordz PRS Keystone RJ45 Sockets for a complete Kordz ecosystem that delivers 'Connectivity Assured'.

- Die-cast alligator style design
- Easy to terminate
- 6 pieces per pack
- Sturdy and robust shielded construction
- Manufactured with quality materials using advanced manufacturing methods
- Backed by the Kordz Lifetime Warranty



Technical Specifications			
<b>General Specifications</b>		<b>Dimensions</b>	
Guaranteed Performance Category	Category 6A	Body Length	48.33mm   1.90in
Applicable Performance Standards	ANSI/TIA-568.2-D   ISO/IEC 11801	Body Width	13.30mm   0.52in
Power over Ethernet Performance	IEEE 802.3bt PoE++ (max 100W)	Body Height	14.98mm   0.59in
Power over Ethernet Tested Standards	IEC 60512-99-002	RJ45 plug width	11.68mm   0.46in
Shielding Type	Shielded	RJ45 plug height	6.60mm   0.26in
Wiring method	T568A   T568B		
<b>Mechanical Specifications</b>			
Housing material	Die-casted Zinc Alloy / POM		
Wire manager material	Polycarbonate		
Flammability Rating	UL 94 V-0		
Housing Colour	Metallic		
	Contact material	Phosphor bronze	
	Contact plating	1.27µm / 50µ" Gold Plating	
	Insertion durability	≥ 750 insertions	
	Plug retention force	133N   13.3kg   30lb	
IDC termination	Compatible insulated conductor gauge	min: 26AWG   max: 22AWG	
	Compatible cable diameter	min: 6.0mm   max: 9.0mm	
	Contact material	Phosphor bronze	
	Contact plating	Tin-plated	
	Termination durability	≥ 5 terminations	
Operating Temperature	Termination durability	-40° to 66°C	
<b>Electrical Specifications</b>			
	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	
<b>Packaging</b>			
	Requirement (per IEC 60603-7-4)		
Packaging type	Foil Bag		
Items per foil bag	6 pcs / foil bag		
Foil Bag size	175mm(W)*230mm(H)*35mm(G)		
Master carton quantity	90 foil bags		
Master carton size	558(L)*298(W)*275(H)		

