



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

General Specifications		Dimensions
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	
Mechanical Specifications		
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
Electrical Specifications		Requirement (per IEC 60603-7-4)
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 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)	

