



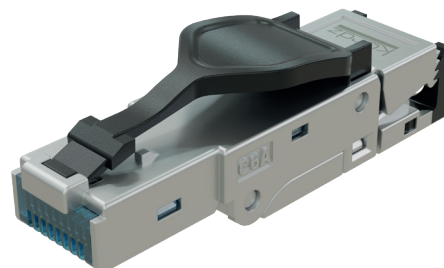
Technical Data Sheet

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) | | 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 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) | | | | |

