

180 Degree Zinc Casted Shielded Keystone Jack



FEATURES

- Zinc-casted shell covered with the nickel plating, provide you outstanding performance to resist the EMI outside, and at the same time, security your data.
- Skilled design on both Jack & PCB, provide you High & Reliable performance margin even in 10G appliance
- Ergonomics also been concerned during our design, and your experience on terminating will be Easy & Happy

Applications

- 1000BASE-T
- Ethernet, VoIP, IP-Camera, and the Voice/Data connection point in the Work Area Subsystem/Administration Subsystem/Equipment Room Subsystem of Cabling Systems

TECHNICAL SPECIFICATIONS

ELECTRICAL

Current Rating: 1.5 Amps
 Insulation Resistance : > 500 MΩ
 Contact Resistance : ≤ 10 mΩ
 DC Resistance : ≤ 0.1 Ω
 DC/AC Volt Endurance : DC1000V/AC750V 1min

MECHANICAL

Plug Insertion Life ≥ 750 Cycles WITH FCC COMPLIANT RJ-45 PLUG
 Plug & Jack Contact Force ≥ 100 Grams WITH FCC COMPLIANT RJ-45 PLUG
 Plug Retention Force: ≥ 11 lbf
 DURABILITY: 200 TERMINATION CYCLES
 OPERATING TEMPERATURE : -10°~60°C OPERATING HUMIDITY: 10%~90%RH
 STORAGE TEMPERATURE : -40°C TO 68°C

PHYSICAL

Housing : High impact flame retardent plastic, UL 94V-0 rated
 PCB: FR-4, 1.2mm Thickness
 Jack Wire: 0.35mm Phosphor bronze gold over nickel plating
 IDC CONDUCTOR 0.5mm Phosphor bronze, tin-plating
 CONTACT COMPATIBILITY: ACCOMMODATES 23 TO 24 AWG SOLID

STANDARDS VERIFICATION

ANSI/TIA-568-C.2 ;
 ISO/IEC 11801 :2002/Amd.2:2010 ;
 YD/T 926.3-2009 ;
 ISO/IEC 60603-7 COMPLIANT ;
 RoHS directive 2002/95/EC compliant

System Warranty:

The OPTiLite Cabling System Warranty provides a 25-year product and applications assurance of compliance with the industry performance standard appropriate to the class of cabling installed. The warranty may be applied for by an accredited OPTiLite Partner who has designed, supplied and installed the said system.

