

ZORA Cat 6A Shield RJ45 Plugs

With more and more industrial equipment and devices using IT network connections for control, there is a need for a more anti-interference and structurally robust modular connector compared to ordinary office area network plugs. ZORA Cat 6A Shield RJ45 Plugs are designed as pressure free field terminated shielded RJ45 Plugs, making on-site connections simple and fast, and capable of working in extreme environments.



ZORA Cat 6A Shield RJ45 Plugs Features

1. Performance complies with ANSI/TIA.568B-2-D and ISO/IEC-11801;
2. Multiple colors to choose from;
3. Having DELTA/UL/CE certification;
4. Wire diameter: 23-26AWG, outer diameter: 6.0-7.5MM;
5. Crystal head 50 μ "gold plating layer;
6. Plug and unplug usage times: \geq 1200 times;
7. Support 4PoE (IEEE802.3bt/IEC60512-99-002 applications);
8. Working temperature: -10~60 $^{\circ}$ C;
9. Compliant with RoHS and REACH

Reference Standard

- ANSI/TIA 568.2-D
- ISO/IEC 11801

Technical Specifications

Construction	
Connector Housing	Zinc die-Casting with nickel plated.
RJ45 plug	
Housing	PC, UL 94V-2
Contact material	Phosphor bronze with 100 micro-inch nickel plated
Contact finish	Min.50 micro-inch gold plated on surface contact area
IDC	
Housing	PC,white color,UL 94-V2
Terminal	Titanium copper withtin plated
Accepted IDC Wire Gauges	23-26AWG

Physical Ranges	
Temperature Range	Storage : -40 to +70°C Operational : -10 to +60°C
Relative Humidity	Operational : Max. non-condensing 93%
Retention strength	7.7kg between jack and plug.
Insertion/Extraction Life	≥1200
No. of IDC Terminations	≥200

Electrical	
Insulation Resistance	500 MΩ min.@ 100V d.c
Dielectric Withstanding Voltage	1000 V d.c. or a.c. Peak Contact to Contact @ 60 Hz for 1 MIN.