

ZORA Cat 6 Unshielded Module

ZORA Cat 6 unshielded modules are used in data network communication, telecommunication room, with information outlet panel or desktop box, etc. in the work area.



Reference Standard

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

ZORA Cat 6 Unshielded Module Features

- 1、Designed according to international standards ISO/IEC11801, ANSI/TIA-568-2.D, with excellent performance and reliability;
- 2、The surface of 8 gold needles in the module is gold-plated as a whole, which ensures to reach the minimum contact resistance and the longest service life;
- 3、The transmission bandwidth can reach 250MHz, support Gigabit Ethernet data transmission;
- 4、Special internal and external design, the internal gold needle cross structure makes the elasticity is very good, even if the user frequently connects and plugs, but also can maintain good contact;
- 5、External blue-white, orange-white inlay design, has a good visual effect.

Technical Specifications

Construction	
Body	
Connector Housing	High-impact, Flame Retardant Plastic
Standard	UL94V-0 rated
Front Connection	
Contact Type	Spring Wire
Material	Phosphor Bronze Alloy
Contact Plating	Nickel plated 100μinch, then gold plated 50μinch
Rear Terminals	
Terminal Type	IDC
Material	Phosphor Bronze Alloy with 100 micro-inch 100% Sn Alloy

Physical Ranges	
Temperature Range	Storage : -40 to +70°C Operational : -10 to +60°C
Relative Humidity	Operational : Max. non-condensing 93%
Retention	50N (11 lbs) for 60s ± 5s
Insertion/Extraction Life	≥750
No. of IDC Terminations	≥200
Insertion/Extraction Strength	≥800grams

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.
Spring Wire Contact Resistance	20 mΩ Max
Voltage/Current Rating	150VAC/1.5A
IDC Contact Resistance	2.5 mΩ Max