

Cat8 Tool-Free Module Plug

For Data Center, Network Engineering Cabling, Enterprise Network Cabling



Overview

Cat8 Shielded RJ45 Tool-Free Modular Plug is designed to terminate cat8 shielded cables for use in high-bandwidth 25/40 Gigabit networks. The unique toolless design does not require the use of a crimping tool. These modular plugs are manufactured from solid zinc alloy to protect against EMI/RFI electromagnetic noise and alien crosstalk. The three-piece design with Insulation Displacement Connector (IDC) terminal & strain relief boot ensures easy and accurate assembly. Applications include data center, network engineering cabling, enterprise network cabling and more.

Benefits

- Tool-Free for Fast and Easy Installation, Reusable for Disassemble It and Try Again
- Fully Backwards Compatible with Cat5e/Cat6/Cat6a/Cat7/Cat7a
- 22-24 AWG Solid or Stranded Wire with OD Between 7.0 and 8.5mm
- 2000Mhz & 25/40Gbase-T for Ultra-high-speed Applications Such As HDBase-T Graphics
- Superior Signal Quality with All-copper Gold-plated Terminals & PCB Board
- Solid Zinc Alloy Housing & Screw-on Metal Strain Relief Boot Suppress EMI, NEXT, and AXT
- IDC Modules with T568A or T568B Wiring for Continuous Network
- Cat 8 Channel Performance Verified

Technical Specification

PRODUCT CHARACTERISTICS

Model	C88845-S
Product Type	Modular Plug
Connector	RJ45 Male
Cable Type	STP Cat5e/6/6a/7/7a/8
Data Rate Support	25/40GBase-T
Compatibility	Solid or Stranded Cables
Termination Type	Tool-less
Wire Gauge Supported	22-24AWG Cable
Wiring Scheme	T568A/T568B
Operating Temperature	-10°C to 60°C
Approvals	CE
Package	10pcs/Pack
Color	Silver

TECHNICAL CHARACTERISTICS

Model	C88845-S
Electrical Current Rating	1.5 Amps
Insulation Resistance	$\geq 500 \text{ M}\Omega$
Contact Resistance	$\leq 20 \text{ m}\Omega$
Insertion Force	$\leq 30 \text{ N}$
AC Volt Endurance	AC1000V 1Min
Mating cycles	750 Cycles Minimum
IDC mating cycles	200 Cycles Minimum
Operating temperature	-10°C to 60°C
Operating humidity	10%~90%RH
Storage temperature	-40°C to 85°C
Physicals Housing	Zinc Die-Casting with High Quality Nickel Plating
Plastic Parts	High Quality Engineering Plastic
PCB	FR-4, 1.6mm Thickness
Plug Pin	0.4 mm Phosphor Bronze Gold Over Nickel Plating
IDC conductor	0.5mm Phosphor Bronze, Tin-plating
Standards	ISO/IEC 11801-9901; ISO/IEC TR 11801-9901; ISO/IEC 11801; IEC 60603-7-81

Product Dimension

All the dimensions are in millimeters

