

Cat6a/Cat7 RJ45 Standard Modular Plug

FOR DATA CENTER, NETWORK ENGINEERING CABLING, ENTERPRISE NETWORK CABLING



Overview

Cat6a/Cat7 RJ45 modular plug is perfect for terminating Cat6a/Cat7 solid cables. These modular plugs are manufactured from high-impact clear polycarbonate to withstand everyday wear and tear, and the contacts are 50 micron gold for optimum signal transmission. In addition, two-piece design with loading bar ensures easy and accurate assembly.

Benefits

- Terminates 4-pair, 23-26AWG Solid or Stranded Shielded Twisted Pair Patch Cable
- Compatible with Cable Jacket Diameters from 7.5 to 8.5mm and Conductor Wire Sizes up to 1.45mm
- Works with Most Available RJ45 Crimp Tools
- Contacts Plated with 50 Microinches of Gold for Superior Performance
- Shielded Cat6a/Cat7 RJ45 Plug with Load-Bar for Easy Termination
- Metal-shielded Shell Eliminate Cross-talk and Prevents Electromagnetic Interference (EMI)
- Robust Construction That is Rated as 750 Mating Cycles

Technical Specification

Parameter	Value
Product Type	Modular Plug
Connector	RJ45 Male
Cable Type	Cat6a/Cat7 Shielded
Data Rate Support	10GBase-T
Conductor Insulation Diameter	1.45 ± 0.05mm
Wire Gauge Supported	23-26AWG Cable
Compatibility	Solid or Stranded
Plug Housing Material	Brass
Contact Material	Phosphor Bronze with Gold Plated
Loading Bar	Yes
Wiring Scheme	T568A & T568B
Cable Jacket Diameter	7.5 to 8.5mm
Voltage Rating	1000V DC
Current Rating	1.5 A
Contact Resistance	20m Ω Max
Fire Safety	UL 94V-2
Operating Temperature	-40°C to 85°C
Approvals	RoHS Compliant

Technical Drawing

