

DATA SHEET

CAT8 RJ45 Shielded Modular Plug



Trusted connections for your network

COBTEL CAT8 RJ45 plug connector supports up to 40G speeds with CAT8 cable. True Cat8 speed is perfect for ultra-high-speed applications. It is compliant to Fluke Channel for double shielded solid Lan cable 22AWG to 24AWG. Zinc die-casting with nickel plated and phosphor bronze 50U” gold-plated. This toolless plug has a variety of colors, no tool required to terminate and has a wide applications suitable for most of devices with RJ45 interface.

Specification	
Product Name	CAT8 RJ45 Plug Connector
Shield Contact:	Nickel Silver Alloy
Plug Housing	Zinc Alloy, Nickel Plated
Contact Holder	PC, UL94V-0
Interface	RJ45
Insertion Life	750 Mating Cycles
Plug Retention Force	11 LBF Minimum
Insertion Force	30N Maximum
Re-termination	Up to 20 Times
Contact Compatibility	Accommodates 22 to 24 AWG Solid or Stranded
Cable Jacket Diameter	6.5mm to 9.0mm
Operation Temperature Range	-10°C~60°C



Storage Temperature Range	-40°C~68°C
Humidity	10% to 90% RH(Non-condensing)
DC Current Range	1.5Amps
Insulation Resistance	500mΩ Minimum
Input to output D.C Resistance for Shield	100mΩ Maximum
Input to output D.C Resistance	200mΩ Maximum
Contact Resistance	20mΩ Maximum
Voltage Proof (Contact to Contact)	1000V D.C OR A.C. PEAK
Voltage Proof (Contact to Shield)	1500V D.C

Features:

- * CAT8 RJ45 plug connector is suitable for wire 22~24AWG
- * Cable jacket diameter 6.5mm ~ 9.0mm
- * Compatible with solid or stranded wire
- * No tool is required to terminate
- * Supports 40Gbps (4 times faster than Cat.6A)
- * Excellent performance with POE++ applications