

Cat 6 550MHz UTP Jacks

Part Number: CN-C6C-XX

XX=Available in white, ivory, yellow, orange, red, blue, green, black, purple



Specification

Meets ANSI/TIA-568 C.2 Cat 6 Channel & Permanent Link Requirements

ISO/IEC 11801 Class E Category 6 Performance Standards

Meets FCC Part 68

Safety Standard

cUL | UL

Insulation Resistance:

500 MOhm Min. @100 VDC

Dielectric Withstanding Voltage:

1000 Vac rms @ 60Hz

For One Minute Contact-to-Contact

Current Rating:

1.5Amps

Spring Wire Contact Resistance:

20 MOhm Max.

IDC Contact Resistance:

2.5 MOhm Max.

Current Rating

1.5 A @ 20 °C

1.5 A @ 68 °F

Dielectric Withstand Voltage, RMS, Conductive Surface

1500 Vac @ 60 Hz

Dielectric Withstand Voltage, RMS, Contact-To-Contact

1000 Vac @ 60 Hz

Relative Humidity

Up to 95%, Non-Condensing

Mechanical Specifications

Conductor Gauge, Solid

22 AWG | 24 AWG | 26 AWG

Conductor Gauge, Stranded

22 AWG | 24 AWG

Termination Life:

522 Cycles

Total Contact Force :

> 100 Grams Per Contact Wire Lead

Retention:

50 N(11 lbf) For 60s ± 5s

Durability:

750 Cycles Min.

Temperature Range Storage:

-40°C ~ +70°C

Temperature Range Operation:

-10°C ~ +60°C

Relative Humidity Operation:

Max. Non Condensing 95%

Plug Insertion Life Test Plug

IEC 60603-7 compliant plug

Plug Retention Force, Minimum

30 lbf | 133 N

Rear Termination Type

IDC

Wiring

T568A | T568B

Materials

Housing:

High Impact Flame Retardant Plastic, UL 94 v-0 Rated

PCB:

FR4, 1.6mm Thickness

IDC:

Phosphor Bronze Alloy Plated W/100 Micro-Inch of Tin

Spring Wire Phosphor Bronze Alloy Plated W/50 Micro-Inch Of Gold Over 70 ~ 100 Mirco-Inch of Nickel

