

TrueNet®

CopperTen® Augmented Category 6 Right Angle UTP RJ45 Jack



The new CopperTen® Right Angle UTP Jack's low profile design allows ADC to deliver the next generation of 10G performance and continue the evolution of high density solutions for the data center and LAN environments while meeting all of the requirements for Augmented Category 6. This new design will allow ADC to deliver a 1RU 48-port plug-and-play panel solution in addition to high density at the workstation.

Features:

- The new Right Angle UTP CopperTen Jack can be used with ADC's new 1RU 48-Port Plug and Play patch panel
- TrueNet® impedance matched jack's guarantee maximum throughput
- Forty-five degree silver-plated IDCs provide secure, reliable gas-tight connections
- 110 tool for wire termination
- 20 year product and zero bit error warranty
- Universal A/B wiring label

SPEC SHEET



www.adc.com • +1-952-938-8080 • 1-800-366-3891

Specifications

Operating Temperature Range:

-40° to 70 °C (-40° to 158 °F)

RJ Socket, 8 Positions, General Specification:

FCC Part 68.500 (IEC 603-7)

Transmission Performance and Reliability:

≥ EIA/TIA 568-B.2-10 and ISO 11801 Class EA

Number of Plug Insertion Cycles:

≥ 750 (IEC/EN 60603-7)

LSA-PLUS® Insulation Displacement Wire
Diameter Range for Solid and 22-24 AWG
Stranded Copper Conductors:

0.50 mm to 0.65 mm (0.016" to 0.025")

Wire Insulation Diameter Range (PE,PVC):

1.04 mm to 1.60 mm (0.041" to 0.063")

Contact Resistance:

≤ 1 mΩ typical

Contact Re-terminations:

≥ 200

Insulation Resistance at 40 °C (104 °F) and 93% RH:

≥ 500 MΩ (IEC 512-2-3a)

Safety Rating:

UL 1863

Flammability Rating:

UL 94 V-0

Ordering Information

Description	Catalog Number
RA UTP Jack	
C6a UTP Right Angle 568A/B RJ45 jack	ADCJF6AXX

Substitute XX for jack colors-01=White, 02=Ivory, 03=Gray, 04=Black, 05=Red, 06=Blue, 07=Green, 08=Yellow, 09=Violet, 10=Orange, 21=Electrical Ivory

Ordering Information

Description	Catalog Number
48-Port 1RU Plug and Play Patch panel	
48-Port 1RU RA plug and play patch panel	PP48PNPCT

Can only be used with RA jack catalog ADCJF6A


Website: www.adc.com

From North America, Call Toll Free: 1-800-366-3891 • Outside of North America: +1-952-938-8080

Fax: +1-952-917-3237 • For a listing of ADC's global sales office locations, please refer to our website.

ADC Telecommunications, Inc., P.O. Box 1101, Minneapolis, Minnesota USA 55440-1101

Specifications published here are current as of the date of publication of this document. Because we are continuously improving our products, ADC reserves the right to change specifications without prior notice. At any time, you may verify product specifications by contacting our headquarters office in Minneapolis. ADC Telecommunications, Inc. views its patent portfolio as an important corporate asset and vigorously enforces its patents. Products or features contained herein may be covered by one or more U.S. or foreign patents. An Equal Opportunity Employer

107092AE 12/08 Original © 2008 ADC Telecommunications, Inc. All Rights Reserved