

## TrueNet®

### Category 5e Modular Jacks (K610)



ADC K610 jacks are an integral part of the TrueNet® Category 5e channel solution. Tuned together with other TrueNet Category 5e components and cable, K610 jacks are critical to the delivery of zero bit-error network performance. K610 jacks feature LSA-PLUS® silver-plated, 45° angled contacts for the most reliable and robust connection available.

#### Features:

- Compatible with any TrueNet® modular faceplate, modular furniture faceplate, surface box and modular patch panel
- Available in eleven colors for quick reference port identification
- Accepts either KRONE® or 110 tool for conductor termination

SPEC SHEET



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# Specifications

## Environment for Use:

## Operating Temperature Range:

## Maximum Relative Humidity:

## RJ Socket, 8 Positions, General Specification:

## Transmission Performance and Reliability:

## Number of Plug Insertion Cycles:

## LSA-PLUS® Insulation Displacement

### Wire Diameter Range for Solid and Stranded Copper Conductors:

### Wire Insulation Diameter Range (PE,PVC):

## RJ Interface Resistance:

## LSA-PLUS Contact Resistance:

## Contact Re-terminations KRONE Tool:

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

## Electrical Rating of Complete Assembly at 25 °C (77 °F) and 50%RH

### Ring Voltage Rating:

### Current Rating:

### Insulation Resistance:

## Safety Rating:

## Flammability Rating:

Indoors, in dry, closed room

-40° to 70 °C (-40° to 158 °F)

≤ 90% non-condensing

FCC Part 68.500, IEC 60603-7

≥ TIA/EIA 568-B.2 Category 5e

≥ ISO 11801 Class D Standard

≥ EN 50173 Category 5e

≥ 1250

22-26 AWG

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

0.70 mm to 1.40 mm (0.028" to 0.067")

≤ 20 mΩ

≤ 1 mΩ

≥ 200

≥ 500 mΩ

≤ 150 VAC

≤ 2A

≥ 100 mΩ at 500 VDC

UL 1863

UL 94 V-0

## Ordering Information

Color	RJ45 T568A/B Right Angle	RJ45 USOC Right Angle	RJ11 USOC Right Angle
White	6467 5 181-20	6467 5 198-20	6467 5 195-20
Ivory	6467 5 181-10	6467 5 198-10	6467 5 195-10
Gray	6467 5 181-00	6467 5 198-00	6467 5 195-00
Black	6467 5 181-30	6467 5 198-30	6467 5 195-30
Red	6467 5 181-50	6467 5 198-50	6467 5 195-50
Blue	6467 5 181-40	6467 5 198-40	6467 5 195-40
Green	6467 5 181-80	6467 5 198-80	6467 5 195-80
Yellow	6467 5 181-90	6467 5 198-90	6467 5 195-90
Purple	6467 5 181-70	6467 5 198-70	6467 5 195-70
Orange	6467 5 181-60	6467 5 198-60	6467 5 195-60
Electrical Ivory	6467 5 181-22	6467 5 198-22	6467 5 195-22

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## Web Site: [www.adc.com](http://www.adc.com)

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