

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:	Indoors, in dry, closed room
Operating Temperature Range:	-40° to 70 °C (-40° to 158 °F)
Maximum Relative Humidity:	≤ 90% non-condensing
RJ Socket, 8 Positions, General Specification:	FCC Part 68.500, IEC 60603-7
Transmission Performance and Reliability:	≥ TIA/EIA 568-B.2 Category 5e ≥ ISO 11801 Class D Standard ≥ EN 50173 Category 5e
Number of Plug Insertion Cycles:	≥ 1250
LSA-PLUS® Insulation Displacement	
Wire Diameter Range for Solid and Stranded Copper Conductors:	22-26 AWG 0.40 mm to 0.65 mm (0.016" to 0.025")
Wire Insulation Diameter Range (PE,PVC):	0.70 mm to 1.40 mm (0.028" to 0.067")
RJ Interface Resistance:	≤ 20 mΩ
LSA-PLUS Contact Resistance:	≤ 1 mΩ
Contact Re-terminations KRONE Tool:	≥ 200
Insulation Resistance at 40 °C (104 °F) and 93% RH:	≥ 500 mΩ
Electrical Rating of Complete Assembly at 25 °C (77 °F) and 50%RH	
Ring Voltage Rating:	≤ 150 VAC
Current Rating:	≤ 2A
Insulation Resistance:	≥ 100 mΩ at 500 VDC
Safety Rating:	UL 1863
Flammability Rating:	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

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