

ADC Structured Cabling Solutions

Category 6 KM8 Modular Jacks

Issue 2



An integral part of the ADC Structured Cabling channel solution designed in tandem with other ADC Structured Cabling Category 6 components and cable, the ADC KM8 jack is a key element to the network performance warranty. The cable management system ensures reliable and consistent termination every time. The cable manager holds cable pairs in place up to the termination point, preventing cable untwist and buckle, guaranteeing dependable and repeatable performance. All four pairs terminate at once without a tool, reducing termination time and effort. These modular jacks can be used in any of ADC's modular plug-and-play station outlets and patch panels.

Features:

- ADC Structured Cabling impedance matched jacks guarantee maximum throughput
- Exceeds TIA/EIA Category 6 requirements
- Forty-five degree silver-plated IDCs provide secure, reliable gas-tight connections
- Compatible with any ADC Structured Cabling modular faceplate, modular furniture faceplate, surface box and
- modular patch panel
- Universal A/B wiring label
- UL 1863 listed and Category 6 performance verified

Specifications

Operating Temperature Range:..... -40° to 70 °C (-40° to 158 °F)
RJ Socket, 8 Positions, General Specification:FCC Part 68.500 (IEC 60603-7)
Transmission Performance and Reliability:..... ≥ EIA/TIA 568-B.2-1 Category 6
..... ≥ ISO 11801 Class E Standard
Number of Plug Insertion Cycles:..... ≥ 750 (IEC/EN 60603-7)

SPEC SHEET

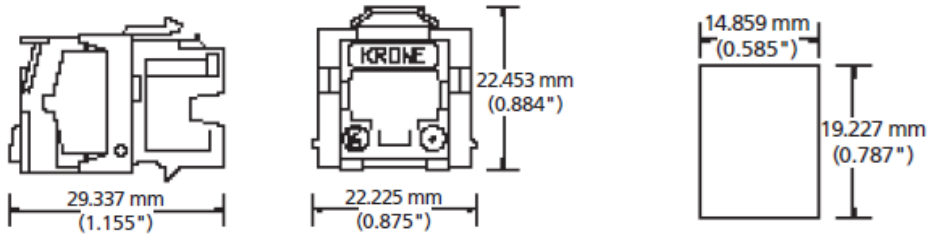


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LSA-PLUS® Insulation Displacement
 Wire Diameter Range for Solid and Stranded Copper Conductors..... 22-24 AWG
 (0.50 mm to 0.65 mm (0.016" to 0.025"))
 Wire Insulation Diameter Range (PE, PVC):1.04 mm to 1.60 mm (0.041" to 0.063")
 Contact Resistance:..... ≤ 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



ADC KRONE's modular jacks and connectors may be used in all ADC Structured Cabling modular faceplates, surface boxes, patch panels as well as any platform with a port opening of 14.9 mm x 19.2 mm (.585" x .757") with a plate thickness from 1.2 mm x 1.5 mm (.048" to .060").

Ordering Information

Description	Quantity	Colour	Product No.
KM8 RJ45 modular tool-less jack	1	XX*	6830 1 800-XX*

*Replace XX with:

01 = White 07 = Green
 02 = Ivory 08 = Yellow
 03 = Gray 09 = Purple
 04 = Black 10 = Orange
 05 = Red
 06 = Blue

*KRONE Communications Ltd. is now ADC India Communications Ltd.

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