

ADC Structured Cabling Solutions

Category 6 KM8® Modular Punch down Jacks

Issue 2



An integral part of the ADC Structured Cabling channel solution designed in conjunction with other ADC Structured Cabling Category 6 components and cable, the ADC KM8 jack is a key element to the network performance warranty. 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
- Accepts either a KRONE Insertion Tool or 110 tool for wire termination for punch down jack
- 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 603-7)
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)
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

SPEC SHEET



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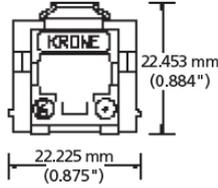
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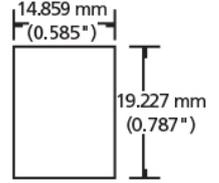
Insulation Resistance at 40 °C (104 °F) and 93% RH:..... ≥ 500 MΩ (IEC 512-2-3a)

Safety Rating: UL 1863

Flammability Rating:..... UL 94 V-0



ADC'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	Product No.
* KM8 RJ45 modular punch down jack <i>Quantity: 1</i>	6830 1 830-XX*

Replace XX with:

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

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



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