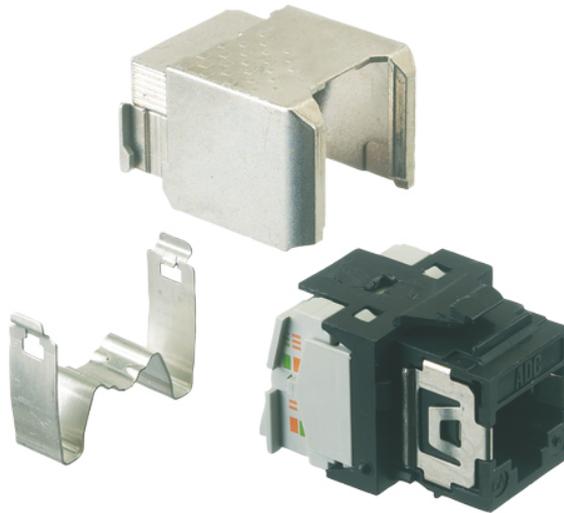


ADC Structured Cabling Solutions

Augmented Category 6 STP RJ45 Jack

Issue 2



ADC's STP Cat6_A jack can be used in Data Centre, communications closet and work station for 10G shielded performance. Installed in high-performance networks world wide, the system's design minimizes alien crosstalk and insertion loss and meets the performance requirements of IEEE 802.3an and TIA 568-B.2-10 draft standards.

Features:

- ADC Structured Cabling impedance matched jacks guarantee maximum throughput
- Forty-five degree silver-plated IDCs provide secure, reliable gas-tight connections
- Universal A/B wiring label

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 draft 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")

SPEC SHEET



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ADC Structured Cabling Solutions

Augmented Category 6 STP RJ45 Jack

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	Product No.
C6A STP 568A/B RJ45 jack	6830 1 811-XX

Substitute XX for jack colours- 01=White, 02=Ivory, 03=Gray and 04=Black. Call ADC for other colours

SPEC SHEET

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



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