

ADC Structured Cabling Solutions

Cat6_A Dynamic Angle Right/Left Patch Panels

Issue 2



An integral part of ADC Structured Cabling System, Cat6_A is the world's first UTP structured cabling system to enable 10 Gigabit Ethernet over a full 100 meters. The ADC Structured Cabling Cat6_A dynamic angle right/left patch panel optimizes 10 Gb/s transmission performance, which meet the performance requirements for TIA/EIA 568B.2-10 and ISO/IEC 11801 Class E Ed. 2.1 standards. The new Cat6_A Dynamic Angled Patch Panels allows ADC to deliver the next generation of 10 G performance and take the next leap in angling solutions for the data centre and LAN environment while meeting all of the requirements for Augmented Category 6. This new design is available in a 1 RU 24-port and 2 RU 48-port patch panel solution which includes multiple labelling options that allow for use of adhesive, paper label and ID tabs.

Features:

- Patented angle right/left eases stress on patch cords and allows for optimal cable management
- Panel can be used in the flat or angle, silk screen or fascia format for flexible labelling.
- 45 degree silver-plated IDC's provide secure, reliable gas-tight connection
- Universal wiring label for easy termination of either T568A/B
- 110 tool for wire termination
- Rear wire manager included
- UL 1863 Listed and Category 6A performance verified
- 20 year product and zero bit error warranty

Specifications

MECHANICAL

RJ Socket, 8 Positions

General Specification	FCC Part 68.500 (IEC 603-7)
Operating Temperature Range	-40° to 70 ° C (-40° to 158 ° F)
Transmission Performance and Reliability	≥ EIA/TIA 568-B.2-10 and ISO 11801 Class EA
Number of Plug Insertion Cycles.....	≥ 750 (IEC/EN 60603-7)

LSA-PLUS® Insulation Displacement Wire Diameter Range for Solid and 22-24 AWG

SPEC SHEET



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

ENVIRONMENTAL AND SAFETY

Safety compliance..... UL 1863
 Flammability rating:UL 94 V-0

Ordering Information

Description	Product No.
24-port Dynamic Angled 1RU UTP patch panel	PP24AC6AT
48-port Dynamic Angled 2RU UTP patch panel	PP48AC6AT

SPEC SHEET

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



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