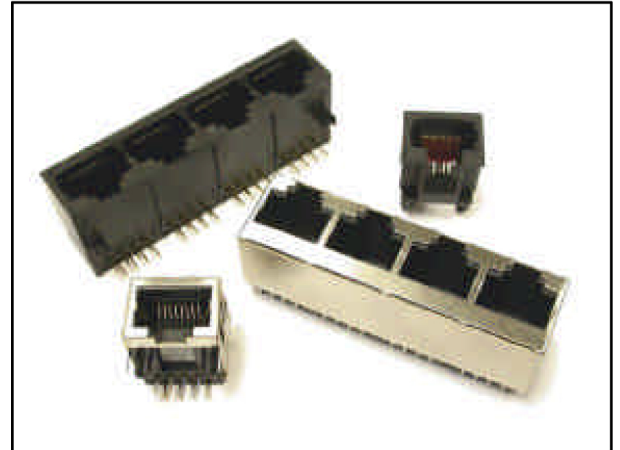


Edac series A00 modular jacks are an industry standard telecom jack that meets RJ45 Category 5 specifications, complies to FCC standards, and conforms to ISDN standards. They are ideal for use with networks and handle voice and data requirements extremely well, allowing for their use in a wide range of applications from telephones to networked industrial equipment. Edac units fit a standard PCB footprint and meet standard height requirements for both low and high profile. They are available either as shielded or unshielded units in single, stacked or ganged configurations of up to 16 jacks per assembly. Options include selective loading of contacts, custom contact plating, and special shielding or filtering requirements.



## SPECIFICATIONS

- FCC Compliance: Part 68 SubPart F
- Insulator Housing: Black Plastic PBT/Nylon, UL 94V-0
- Contact Material: Phosphor Bronze
- Contact Plating: Gold Flash or Gold Plate over nickel
- Contact Resistance: 30 milliohms maximum
- Insulation Resistance: 500 megaohms minimum
- Current Rating: 1.5 amps maximum

- Voltage Rating: 120 volts AC maximum
- Withstand Voltage: 500 VAC 1 minute maximum
- Shield Housing: Tin plated copper alloy
- Note: for units with integrated LED indicators see Edac series A20

**Popular styles are available through worldwide distribution. Factory MOQ is 1,000 pieces per item.**

## ORDERING CODE

**SAMPLE PART NUMBER: A00-108-262-450**

- **A00 = Series number** - RJ45 Category 5 Jacks (without LED indicators)
- **1 = Number of ports:** 1 = single port jack. Single row is available with 1, 2, 4, 6, 8, or 10 jacks. Dual row stacked units are available with 2, 4, 8, 12 or 16 jacks. For 16 jacks use code A; 12 = code B, 10 = code C.
- **08 = No. of contacts :** 08 = eight contacts. Maximum of 8 contacts per jack (standard). Multiply number of contacts by number of jacks. Example: 8 contacts x 10 jacks = 80. For 8 contacts x 16 jacks use code 28. Selective loads of 2, 4 or 6 contacts are available (special - specify contact positions).
- **2 = Gold thickness:** 2 = gold flash (standard), 3 = 15u gold plate, 6 = 30u gold plate, 9 = 50u gold plate.
- **6 = Contact Orientation:** 6 = Right angle contacts (jack face 90 degrees from PCB); 2 = vertical contacts (jack face 180 degrees from PCB); 7 = right angle jacks stacked 2 units high (through hole only); 9 = surface mount right angle contacts (not available as dual row stacked units).
- **2 = Shield Options:** 0 = unshielded (standard); 1 = metal shielded with grounding tabs at the rear (attach to PCB); 2 = metal shielded with chassis ground tabs at the front (standard); 3 = metal shield on jack face only.
- **45 = Category Type:** 45 = RJ45 Category 5 standard. Other standards are available on special order. A "90" indicates a factory special manufactured for a specific application.
- **0 = Variations:** 0 = low profile un-keyed (standard); 1 = low profile keyed; 2 = high profile un-keyed; 3 = high profile keyed; 4 = flanged face (vertical contacts only); 5 = face without flange (vertical contacts only).