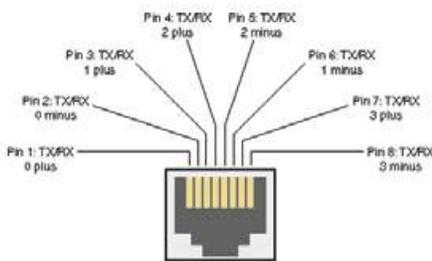




Alston Systems offers jacks in a variety of styles and configurations. Being an end terminal device, we have designed them to meet today's increasing demand for information flow with greater bandwidth requirements.

About RJ Connectors

- A Registered Jack (RJ) is a standardized physical network interface with jack construction and wiring pattern—for connecting telecommunications or data equipment to a service provided by a local exchange carrier or long distance carrier.
- The registered jack designation describes a wiring pattern and not just the physical geometry of the connectors; inspection of the connector will not necessarily show which registered jack wiring pattern is used. The same modular connector type can be used for different registered jack connections.
- The RJ45 physical connector is standardised as the IEC 60603-7 8P8C modular connector with different “categories” of performance, with all eight conductors present. A similar standard jack once used for modem/data connections, the RJ45S, used a “keyed” variety of the 8P8C body with an extra tab that prevents it mating with other connectors; the visual difference compared to the more common 8P8C is subtle, but it is a different connector. The original RJ45S [6][7] keyed 8P2C modular connector had pins 5 and 4 wired for tip and ring of a single telephone line and pins 7 and 8 shorting a programming resistor, but is obsolete today.
- Electronics catalogs commonly advertise 8P8C modular connectors as “RJ45”. An installer can wire the jack to any pin-out or use it as part of a generic structured cabling system such as ISO/IEC 15018 or ISO/IEC 11801 using 8P8C patch panels for both phone and data. Virtually all electronic equipment which uses an 8P8C connector (or possibly any 8P connector) will document it as an “RJ45” connector.



ORDERING INFORMATION

Part No	Description
320100056	Cat.5 Unshielded RJ45 Connector, Clear color
320200056	Cat.5 Shielded RJ45 Connector, Clear color
320100066	Cat.6 Unshielded RJ45 Connector, Clear color
320200066	Cat.6 Shielded RJ45 Connector, White, Clear color
32019000X	RJ45 Hood