

ARJM11 SERIES

RJ45 SINGLE PORT

100/1000/2.5G/5G BASE-T MAGNETICS

IoT (Ethernet) | IP Cameras, Surveillance, and Phone | Network Interface Cards (NIC) | Multifunction Printers Power Over Ethernet (PoE) | Broadcast Video | Test and Measurement | Access Points

PRODUCT DESCRIPTION

The ARJM11 series of RJ45 jacks with internal magnetics supports a wide range of configurations in 10/100Base-T, 1000Base-T, 2.5GBase-T and 5GBase-T applications. This series offers the ability to mix and match physical orientation of the tab, pin layouts, EMI fingers, LED colors and plating options while providing PoE and PoE+ options for 10/100Base-T rates. All configurations in the product series support paste-in-hole (PIH), a technology that allows through-hole components to be compatible with surface mount reflow assembly processes. All devices are rated to 0°C to 70°C or -40°C to 85°C operating temperature range.

FEATURES

- Broad set of configurations
- Low MOQ — 700pcs
- Supports 10/100Base-T, 1000Base-T, 2.5GBase-T or 5GBase-T
- Supports PoE and PoE+ (10/100Base-T)
- Compatible with surface mount with Paste-in-hole (PIH) technology
- -40°C to 85°C or 0°C to 70°C operating temperature range
- Combinations of green, yellow, orange, and red LED

APPLICATIONS

- Internet of Things (Ethernet)
- IP Cameras, Surveillance, and Phone
- Access Points
- Industrial Computers
- Network Interface Cards (NIC)
- Industrial Process Control
- Networking and Communications
- Broadcast Video
- Storage
- Set Top Box and Video
- Power Over Ethernet (PoE)
- Test and Measurement
- Multifunction Printers (MFP)

Manufacturer Part Number	Applications	Orientation	Height Above Board	LED Color	# of Cores per Jack	Shielding	Tab
ARJM11C7-502-AB-EW2	10/100/1000 Base-T, AutoMDIX	90° Angle (Right)	0.543" (13.80mm)	Left: Green, Right: Yellow	8	Shielded, EMI Finger	Up
ARJM11B1-805-AB-EW2	2.5GBase-T, AutoMDIX	90° Angle (Right)	0.536" (13.61mm)	Left: Green, Right: Yellow	8	Shielded	Down