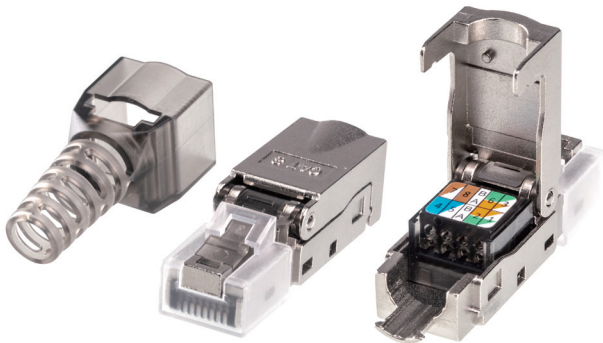


# Cat 6A RJ-45 Connector

## 2A-245G

The ATEN 2A-245G Cat 6A RJ-45 connector shielded crystal head offers excellent electromagnetic interference protection, supports over 10G data transfer, and meets FCC Part 68 standards. Its re-installable metal shielding and die-cast RJ-45 design ensure stable transmission and durability with over 750 mating cycles. It's compatible with PoE / POH and works well with various cable types, **especially 2L-29330 Cat 6A cables**.

This connector allows quick, tool-less installation with color-coded holders and a screw-on plastic strain relief boot to prevent bending. Supporting cable gauges from 22 to 26 AWG, it's versatile for different networks. It complies with RoHS / REACH standards and includes an IP20 dust cover for added protection.



**Note :** 2A-245G Cat 6A RJ-45 connectors, packaged in sets of 10 units, sold as a complete package.

### Features

- Metal shielded crystal heads (Cat 6A) and one-piece die-cast RJ-45 connectors offer protection against electromagnetic crosstalk and external interference, ensuring stable data transmission
- Tool-less installation of crystal heads with color-coded cable holders for quick and easy assembly
- Re-installable design enables re-use without compromising performance
- **Specifically recommended for use with 2L-29330 Cat 6A cables**
- Supports over 10G transfer rate and FCC Part 68 standards compliant
- Suitable for Cat 6A to Cat 8 solid or stranded cables with wire gauges from 22 to 26 AWG, ensuring compatibility with different network environments
- Jack insertion life exceeds 750 mating cycles, ensuring long-term durability.
- Screw-on plastic strain relief boot prevents over-bending and enhances EMI shielding for increased reliability
- Materials are RoHS / REACH compliant, ensuring adherence to environmental regulations

### Specifications

	2A-245G
<b>Cable Type</b>	RJ-45 complies with FCC part 68 standard, provides termination for 22 ~ 26 AWG wire
<b>Electrical</b>	
DC Resistance	Max. 0.1 $\Omega$
Insulation resistance	500 M $\Omega$
Contact resistance	20 m $\Omega$
DC Current rating	1.5Amps
<b>Dielectric strength</b>	Dielectric withstanding voltage 1000V
<b>Environmental</b>	
Operating Temperature	-40 – 60 °C
<b>Physical Properties</b>	
Material	Housing: ABS + PC, UL94V-0 Contact: 0.35mm Thickness Phosphor Bronze Gold Plated over Nickel
Type	Gun shield: zinc alloy, nickel plated
Weight	0.01kg
Dimensions (L x W x H)	4.56 x 1.38 x 1.25 cm

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