

2A-145G

10Gb Ethernet Copper SFP Transceiver



The 2A-145G 10Gb Ethernet Copper SFP Transceiver is designed for high-speed Ethernet applications, providing reliable and stable connectivity over standard Cat 6a/7 copper cables. It allows [KG0016/KG0032](#) with SFP+ ports to connect to copper-based Ethernet devices at data rates up to 10 Gbps and distances up to 30 meters. The 2A-145G offers flexibility and ease of deployment, making it an ideal, cost-effective solution for extending 10GbE connections in data centers or enterprise network environments.

Features

- Provides 10 Gigabit Ethernet connectivity over copper cabling
- Supports Cat 6a/7 cables for transmission distances up to 30 meters
- Compliant with IEEE 802.3az/bz specifications
- RJ-45 connector for copper media
- Low power consumption for energy-efficient performance
- Operating temperature: 0°C to 70°C
- RoHS compliant

Specifications

| | |
|------------------------|---|
| Ethernet Copper SFP | |
| Form Factor | SFP |
| Max. Data Rate | 10 Gbps |
| Connector Type | RJ-45 |
| Media | Cat 6a/7 |
| Max. Cable Distance | 30 m |
| Protocols | Compliant with IEEE 802.3az/bz specifications |
| Environmental | |
| Operating Temperature | 0°C ~ 70°C |
| Storage Temperature | -45°C ~ 90°C |
| Physical Properties | |
| Weight | 0.03 kg (0.07 lb) |
| Dimensions (L x W x H) | 7.03 x 1.38 x 1.33 cm (2.77 x 0.54 x 0.53 in.) |
| Note | For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format. |

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