

## 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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