

# 10G Multi-Mode/300M Fiber SFP+ Module / 10G Single-Mode/10KM Fiber SFP+ Module

## 2A-141G / 2A-142G

- The 2A-141G 10G Multi-Mode/300M Fiber SFP+ Module is designed for use in 10GbE Ethernet environment that allows you to connect a multi-mode Gigabit Ethernet network cable to a network switch's SFP+ port. The 2A-141G provides 10GbE connectivity at distances up to 300 meters. As a hot-pluggable module with a standard duplex connector for fiber communications, the 2A-141G works with multi-mode-fiber (MMF) connections and operates at a nominal wavelength of 850 nm. This makes the module a cost-effective and high-performance transceiver to substantially increase the span of a compatible network switch.

The 2A-142G 10G Single-Mode/10KM Fiber SFP+ Module is designed for use in 10GbE Ethernet environment that allows you to connect a single-mode Gigabit Ethernet network cable to a network switch's SFP+ port. The 2A-142G provides 10GbE connectivity at distances up to 10 kilometers meters. As a hot-pluggable module with a standard duplex connector for fiber communications, the 2A-142G works with single-mode-fiber (SMF) connections and operates at a nominal wavelength of 1310 nm. This makes the module a cost-effective and high-performance transceiver to significantly increase the span of a compatible network switch.

2A-141G



2A-142G



## Features

- Extend your network connectivity up to 300 meters (2A-141G) or 10 kilometers (2A-142G)
- Compliant with IEEE 802.3ae standards
- Compliant with SFF-8431 MSA Digital Diagnostic Monitor (DDM)
- Hot pluggable
- Low power consumption
- Operation Temperature from 0° C to 70° C
- RoHS compliant

## Specifications

Function	2A-141G	2A-142G
<b>Fiber Optics</b>		
Data Rate	10 Gbps	10 Gbps
Operating Distance	300 m	10 km
Fiber Type	Multi Mode (OM3)	Single Mode (G.625D)
Connector Type	LC	LC
DDM	Yes	Yes
<b>Environmental</b>		
Operating Temperature	0 – 70°C	0 – 70°C
Storage Temperature	-40 – 85°C	-40 – 85°C
<b>Physical Properties</b>		
Weight	0.02 kg	0.02 kg
Dimensions (L x W x H)	5.59 x 1.46 x 1.30 cm	5.59 x 1.46 x 1.30 cm

Product information is subject to change without prior notice.

### ATEN International Co., Ltd.

3F., No.125, Sec. 2, Datong Rd., Sijhih District., New Taipei City 221, Taiwan  
 Phone: 886-2-8692-6789 Fax: 886-2-8692-6767  
 www.aten.com E-mail: marketing@aten.com

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