



# Datasheet

## UACC-OM-SM-10G-D/10G-S/1G-S

UniFi® Network



# Single-mode Optical Module

**UACC-OM-SM-10G-D:**  
Single-mode, duplex, fiber transceiver module.

The 10 Gbps Single-mode Optical Module is a duplex transceiver that delivers up to 10 Gbps speed over distances up to 10 kilometers.

**UACC-OM-SM-10G-S:**  
Single-mode, simplex, fiber transceiver module.

The 10 Gbps Bidirectional Single-mode Optical Module is a simplex transceiver that delivers up to 10 Gbps speed over distances up to 10 kilometers.

**UACC-OM-SM-1G-S:**  
Single-mode, simplex, fiber transceiver module.

The 1 Gbps Bidirectional Single-mode Optical Module is a simplex transceiver that delivers up to 1.25 Gbps speed over distances up to 3 kilometers.



## UACC-OM-SM-10G-D

|                        |                                                                                                                                             |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Supported Media        | Single-Mode Fiber                                                                                                                           |
| Connector Type         | (2) LC                                                                                                                                      |
| BiDi                   | No                                                                                                                                          |
| TX Wavelength          | Blue Latch: 1310 nm                                                                                                                         |
| RX Wavelength          | Blue Latch: 1310 nm                                                                                                                         |
| Data Rate              | 10 Gbps                                                                                                                                     |
| Max. Power Consumption | 1W                                                                                                                                          |
| Cable Distance         | 10 km                                                                                                                                       |
| Operating Temperature  | 0 to 70° C (32 to 158° F)                                                                                                                   |
| Pack Options           | 2-pack, 20-pack                                                                                                                             |
| WARNING                | CLASS 1 LASER PRODUCT, IEC/EN 60825-1:2014 – Do not look into the ends of the fiber optic cable or SFP module while converters are powered. |

## UACC-OM-SM-10G-S

|                        |                                                                                                                  |
|------------------------|------------------------------------------------------------------------------------------------------------------|
| Supported Media        | Single-Mode Fiber                                                                                                |
| Connector Type         | (1) LC                                                                                                           |
| BiDi                   | Yes                                                                                                              |
| TX Wavelength*         | Blue Latch: 1270 nm<br>Red Latch: 1330 nm<br><small>*It must be used in pairs (blue latch and red latch)</small> |
| RX Wavelength*         | Blue Latch: 1270 nm<br>Red Latch: 1330 nm<br><small>*It must be used in pairs (blue latch and red latch)</small> |
| Data Rate              | 10 Gbps                                                                                                          |
| Max. Power Consumption | 1W                                                                                                               |
| Cable Distance         | 10 km                                                                                                            |
| Operating Temperature  | 0 to 70° C (32 to 158° F)                                                                                        |
| Pack Options           | 2-pack, 20-pack                                                                                                  |

**WARNING**

CLASS 1 LASER PRODUCT, IEC/EN 60825-1:2014 – Do not look into the ends of the fiber optic cable or SFP module while converters are powered.

**UACC-OM-SM-1G-S**

|                        |                                                                                                                        |
|------------------------|------------------------------------------------------------------------------------------------------------------------|
| Supported Media        | Single-Mode Fiber                                                                                                      |
| Connector Type         | (1) LC                                                                                                                 |
| BiDi                   | Yes                                                                                                                    |
| TX Wavelength*         | Blue Latch: 1310 nm<br>Yellow Latch: 1550 nm<br><small>*It must be used in pairs (blue latch and yellow latch)</small> |
| RX Wavelength*         | Blue Latch: 1550 nm<br>Yellow Latch: 1310 nm<br><small>*It must be used in pairs (blue latch and yellow latch)</small> |
| Data Rate              | 1.25 Gbps                                                                                                              |
| Max. Power Consumption | 0.66W                                                                                                                  |
| Cable Distance         | 3 km                                                                                                                   |
| Operating Temperature  | 0 to 70° C (32 to 158° F)                                                                                              |
| Pack Options           | 2-pack, 20-pack                                                                                                        |

**WARNING**

CLASS 1 LASER PRODUCT, IEC/EN 60825-1:2014 – Do not look into the ends of the fiber optic cable or SFP module while converters are powered.



Specifications are subject to change. Ubiquiti products are sold with a limited warranty described at [www.ui.com/support/warranty](http://www.ui.com/support/warranty)

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