

## Cisco-Compatible SFP+ Transceiver - 10Gbps, Copper, RJ45, Cat6a, 98 ft. (30 m)

MODEL NUMBER: N286-10G-TC



Connects a Cat6a 10 Gigabit Ethernet cable to a Cisco router, server or switch's SFP+ port.

### Features

#### SFP+ Transceiver for Connecting Copper Cabling to Your Cisco Network Switch or Router

This SFP+ transceiver allows you to connect a copper Cat6a cable to a 1/2.5/5/10 Gbps fiber network router, server or switch. It transmits data up to 98 feet (30 meters) and supports bi-directional Gigabit Ethernet communication up to 10 Gbps.

#### Functionally Equivalent to Cisco SFP-10G-T-X Transceiver Module

The MSA-compliant N286-10G-TC functions just like the equivalent Cisco SFP-10G-T-X transceiver module and is manufactured to meet or exceed Cisco specifications. You can use this transceiver with any compatible Cisco router, server or switch and receive the same performance as the SFP-10G-T-X.

#### Hot-Swappable for Installation Without Network Interruption

This input/output device is fully hot-swappable, so you can install it without a potentially costly 1G/2.5G/5G/10G network shutdown or device reboot. Just plug the SFP end of the transceiver into your Cisco network device. The other end has an RJ45 connector to link with high-speed Cat6a patch cable (sold separately). A convenient bail clasp latch helps you carefully remove the module from the device.

#### Premium Features for Superior Performance

The auto-sensing RJ45 port supports auto-negotiation and automatic MDI/MDI-X crossover to match the other end of the connection. The zinc housing protects against electromagnetic interference (EMI) and excessive power dissipation.

## Specifications

| OVERVIEW            |              |
|---------------------|--------------|
| UPC Code            | 037332279330 |
| Brand Compatibility | Cisco        |
| Technology          | Cat6a        |

### Highlights

- SFP+ transceiver module 100% compatible with Cisco's SFP-10G-T-X module
- Provides 10 Gbps throughput up to 98 ft. (30 m) via Cat6a cabling
- Hot-swappable interface lets you install and uninstall without shutting down
- Meets or exceeds MSA standards and works in all MSA-compliant platforms

### System Requirements

Cisco or other compatible network router, server or switch

### Package Includes

N286-10G-TC SFP+ Transceiver

| <b>POWER</b>                           |   |
|--|---|
| Power Consumption (Watts)              | 2.60  |
| <b>PHYSICAL</b>                        |   |
| Color                                  | Silver  |
| Material of Construction               | Zinc Alloy  |
| Shipping Dimensions (hwd / in.)        | 0.70 x 3.10 x 5.70  |
| Shipping Weight (lbs.)                 | 0.11  |
| Unit Dimensions (hwd / in.)            | 0.330 x 0.530 x 2.680   |
| Unit Dimensions (in.)                  | 0.330 x 0.530 x 2.680   |
| Unit Packaging Type                    | Box   |
| <b>ENVIRONMENTAL</b>                   |   |
| Operating Temperature Range            | 32° to 158°F (0° to 70°C)                                     |
| Storage Temperature Range              | -40° to 185°F (-40° to 85°C)                                  |
| Operating Humidity Range               | 5 - 85 % RH   |
| <b>COMMUNICATIONS</b>                  |   |
| Network Compatibility                  | 10 Gbps   |
| Transmission Distance                  | <30m (CAT6A)  |
| <b>CONNECTIONS</b>                     |   |
| Side A - Connector 1                   | RJ45 (FEMALE)   |
| Side B - Connector 1                   | SFP+ (MALE)   |
| <b>FEATURES &amp; SPECIFICATIONS</b>   |   |
| Data Transfer Rate                     | 10 Gbps   |
| Multi-Source Agreement (MSA) Compliant | Yes   |
| Optical Port                           | SFP   |
| <b>STANDARDS &amp; COMPLIANCE</b>      |   |
| Product Compliance                     | IEEE 802.3 10Base-T; IEEE 802.3 Auto-Negotiation; REACH; RoHS |
| <b>WARRANTY &amp; SUPPORT</b>          |   |
| Product Warranty Period (Worldwide)    | 3-year limited warranty                                       |



1000 Eaton Boulevard  
Cleveland, OH 44122  
United States



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