

# SC10G optical module



## Overview

This Cisco ONS-SC+-10G-LR compatible SFP+ transceiver supports 10GBase-LR and 10GBase-LW throughput up to 10km over single-mode fiber (SMF). It operates at a 1310nm wavelength and features an LC duplex connector. Power Consumption 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. ONS-SC+-10G-SR is Cisco's part number for the 10GBASE-SR SFP+ client optic deployed on the ONS (Optical Networking System) transport platform — specifically Ethernet client-port positions on ONS 15454 M6/M2 chassis and adjacent ONS transport line cards with SFP+ cages. They are compliant with SFP+ MSA, SFF-8431 and SFF-8472, and are mainly used in Telecom, Wireless, InfiniBand, and Fiber Channel. Amphenol's 10G SFP+ optical modules include SFP+. With the increasing demand for high-speed optical communications in data centers, enterprise networks, and carrier networks, 10G BiDi SFP+ optical modules have become a mainstream short-haul optical communication solution due to their single-fiber bidirectional (BiDi) transmission characteristics.

## Article Content

### 10G BiDi SFP+ Optical Module Interface Comparison: SC vs LC

With the increasing demand for high-speed optical communications in data centers, enterprise networks, and carrier networks, 10G BiDi SFP+ optical modules have become a

### Cisco ONS-SC+-10G-ER Kompatibel 10GBASE-ER SFP+ 1550nm

Compared to the original optics, the OPTCORE SFP+ transceiver can save you up to 80% on project and networking cabling. You won't find a better combination of quality and affordability.

### Cisco ONS-SC+-10G-LR Compatible 10Gb SFP+ Transceiver Module

A cost-effective solution that provides high bandwidth and transmission rates over short distances. Each transceiver is 100% optically inspected and tested for compatibility before shipping. Product

### Ubiquiti Single-Mode Fiber Module SFP Duplex 10Gbps

Single-mode, duplex, fiber transceiver module. UACC-OM-SM-10G-D Single-mode, duplex, ber transceiver module. The 10 Gbps Single-mode Optical Module is a

### SFP+ Optical Transceiver Modules (10G-SR/LR)

Genuine Amphenol 10GBASE-SR SFP+ Optical Transceiver Modules provide a high-density, high-performance interface for 10-Gigabit Ethernet and Fibre Channel applications.

### 10G SFP+ Transceivers | Optical Interconnect | Amphenol

Amphenol's 10G SFP+ optical modules include SFP+ AOC. They are compliant with SFP+ MSA, SFF-8431 and SFF-8472, and are mainly used in Telecom, Wireless, InfiniBand, and

### Ubiquiti U Fiber • SFP10 • Single-Mode Optical Module • 10 Gbps •

Produktinformationen "Ubiquiti U Fiber • SFP10 • Single-Mode Optical Module • 10 Gbps • UACC-OM-SFP10-1310" SFP+-Transceiver für CWDM, der 10G-Verbindungen bis zu 20 km über Singlemode

### SM10G-LR: 10G Long Reach SFP+ Optical Module

Chelsio's SM10G-LR 10Gb/s 1310nm Single Mode SFP+ optical transceivers are designed and certified for use with Chelsio 10-Gigabit Ethernet links up to 10km.

### Cisco ONS-SC+-10G-LR Compatible 10GBASE-LR SFP+ Module

Featuring a built-in Semtec/Macom chip and reliable VCSEL laser from global leaders, the SFP-10G-SR module delivers low power consumption and stable optical links for high-speed multimode networks

1G to 16G FC & 10G Ethernet SFP+ transceivers

The SFP+ family are transceiver modules in industry standard MSA form factor designed for optical communication applications compliant to 10G Ethernet.

10 Gigabit Fiber SFP+ Optical Transceiver Module

This 10 Gigabit Fiber SFP+ Optical Transceiver Module supports standard digital diagnostics monitoring (DDM) functions, also known as digital optical monitoring

SC SFP – Optcore

SC SFP BiDi Transceiver The SC SFP module is only available for BiDi SFP types. Because the regular SFP module does not have enough space to equip two SC

Cisco ONS-SC+-10G-SR Compatible 10G SFP+ SR Module

ONS-SC+-10G-SR is Cisco's part number for the 10GBASE-SR SFP+ client optic deployed on the ONS (Optical Networking System) transport platform — specifically Ethernet client-port positions on ONS

Ubiquiti (UACC-OM-SM-10G-D) 10G Single-Mode Optical Module

Enhance your network with the Ubiquiti 10G Single-Mode Optical Module, featuring LC connectors and 10 Gbps data rate for reliable fiber connectivity over distances up to 10 km.

Ubiquiti UACC-OM-SFP10-1270 10G CWDM Single

- Max data rate: 10 Gbps
- Compatible with SFP+ and SFP interfaces
- Duplex LC UPC connector
- Operate in pairs of the same wavelength
- Supports single

10G SFP+ XSGPON OLT, Tx1577/Rx1270nm, 20km, DDM, SC/APC

This product allows the distribution of multipoint connections from a 10G XGPON port on the OLT side, thus facilitating service to end users through an optimized optical network that connects to a

XG-SFP-LR-SM1310 10GBASE-LR SFP+ 1310-nm 10-km DOM

XG-SFP-LR-SM1310 10GBASE-LR SFP+ 1310-nm 10-km DOM Duplex LC SMF Optical Transceiver Module Applicable to data center and campus networks, enabling cost-effective, efficient, and high

The Complete Guide to the Best Choice of 10G SFP

WHGEARLINK Brand Optical Modules WHGEARLINK is a reputable brand known for producing high-quality 10G SFP+ optical modules. Their products are

## 10G BiDi SFP+ Optical Module Interface Comparison: SC vs LC

The SC and LC interfaces in 10G BiDi SFP+ optical modules each have their own advantages. When deploying a network, it's crucial to choose the most suitable interface based on

### Optical Modules for Huawei S Series Switches

A switch must use optical or copper modules that have been certified for use on Huawei switches. Non-certified optical or copper modules cannot ensure transmission reliability and may affect service

### 10G SFP+ Optical Transceivers | Transceiver Module

FS 10GbE SFP+ module solutions provide a wide variety of 10 Gigabit Ethernet connectivity options for data centers, enterprise wiring closets, Internet Service

### 1G to 16G FC & 10G Ethernet SFP+ transceivers

Smartoptics multiprotocol SFP+ transceivers support Fibre Channel speeds up to 16G and 10G Ethernet for storage, enterprise and mobile networks. SFP+ transceivers are focused on SAN protocols

### SC SFP optical Transceiver

The Optical Transceivers are a high performance, cost effective module which have a single SC optics interface. They are compatible with the Small Form Factor

### 10G Bidirectional Single-Mode Optical Module

SFP+ transceiver that supports 10G connections up to 10 km using single-mode fiber with a simplex LC UPC connector.

### 10 Gigabit Optical Transceivers | SFP+ and XFP

Perle 10 Gigabit Optical Transceivers are interchangeable, compact media connectors and enable a single network device to connect to a wide variety of

### 10G Single-Mode Optical Module

SFP+ transceiver that supports 10G connections up to 10 km using single-mode fiber with a duplex LC UPC connector.

## Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://boxesgaramella-andria.it>

Email: [sales@boxesgaramella-andria.it](mailto:sales@boxesgaramella-andria.it)

Phone: +39 331 584 7291

Address: Via delle Industrie, 15, 20154 Milano, Italy

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