# ACT SFP+ LR transceiver coded for Cisco SFP-10G-LR

Model: TR0014

Manufacturer: ACT

EAN: 8716065492699

Product Code: 1680955

## R1,498

Coded for SFP-10G-LR

Speed 10Gbps, suited for singlemode cable

DDM support for monitoring SFP+ module

5 years warranty

Why choose ACT Optics?

ACT was established to provide users with a brand for highly reliable and consistent quality cabling and networking products. ACT solutions mix and match seamlessly with other brands.

Why do more and more companies choose ACT?

- Consistent quality guaranteed
- Complete range of connectivity products
- Meets international standards to ensure compatibility with other brands

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- Over one million connectivity products in stock
- 5-year warranty

ACT SFP+ modules also offer:

- DDM; ability to have diagnostic data from the module read by the switch such as power consumption, temperature, any errors etc.
- Compatibility; modules that are coded offer 100% brand compatibility.
- Packaging; each module is individually packaged.
- 5 years warranty.
- Technical support from experienced staff.

## Coding and compatibility: Cisco

This model SFP+ module works with Cisco equipment. Cisco requires proper coding in an SFP+ module for compatibility. ACT has coded this model SFP+ module for 100% compatibility with Cisco. Coding is also available for other brands. Please contact our team with questions about compatibility and coding.

## The 3 advantages of SFP+ modules

The 3 biggest advantages of using SFP+ fiber modules are:
1. Standardization
2. Flexibility
3. Continuity

## 1. SFP+ modules are the standard for fiber optic communication

Manufacturers of network equipment support the SFP, SFP+ and QSFP standards. SFP+ modules are used in different devices such as switches, routers, firewalls, servers and storage devices. These devices are equipped with a port where an SFP+ module can be plugged in. The abbreviation SFP+ stands for Small Form Factor Pluggable and the + indicates that it is for 10Gbps speeds.
The standard for the use of SFP+ modules was established in cooperation with the various

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manufacturers. This standard is therefore called an MSA, which stands for Multi-Source Agreement.

## 2. SFP+ modules ensure maximum flexibility in a fiber optic network

A fiber optic cable is connected to an SFP+ module, which is plugged into the switch. The SFP+ module serves as an interface between the fiber optic cable and the connected equipment. This ultimately ensures maximum flexibility, as the SFP+ can be exchanged without having to exchange or replace the equipment in question.

Situations where only the SFP+ module needs to be exchanged, rather than the equipment:
- Transition to a network with a different type of fiber; for example, from single-mode to multimode.
- Changing distances: for example, from 100 meters to 80 kilometers.
- Change to another speed; for example, if the speed of the switch changes from 1G to 10G.
- Different type of fiber optic connector; for example, if instead of an LC, an SC connector is placed on the cabling.

## 3. Continuity in the network by using hot swappable optics

In case of changes in fiber type, distance, speed and connector, the SFP+ module is replaced. An important advantage is that the equipment does not have to be switched off or restarted when the SFP+ modules are installed, which ensures excellent network continuity. Keeping equipment operational while placing and/or replacing fiber optic (SFP+) modules is called "Hot swappable".

## How do I clean SFP+ modules?

A large percentage of outages in fiber optic networks are solved by cleaning the cabling and the optics. We advise you not to allow SFP+ modules to become dirty by only using cables with cleaned connectors. If this model of SFP+ module does need to be cleaned, the ACT One click cleaner LC is suited for this.

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