

10G-LR Optical Module



Overview

10GBASE-LR is a 10-gigabit Ethernet optical standard that operates at 1310 nm over single-mode fiber (SMF), supporting link distances of up to 10 km. It is typically implemented using SFP+ transceivers and defined under IEEE 802. This guide will demystify these critical components, explore their key advantages, and show you. A broad range of industry-compliant SFP+ modules for 10 Gigabit Ethernet deployments in diverse networking environments. The Cisco® 10GBASE SFP+ modules (Figure 1) give you a wide variety of 10 Gigabit Ethernet connectivity options for data center, enterprise wiring closet, and service provider. FS 10GbE SFP+ module solutions provide a wide variety of 10 Gigabit Ethernet connectivity options for data centers, enterprise wiring closets, Internet Service Providers (ISPs) applications.

Article Content

Reach Further, Faster: Your Ultimate Guide to Long-Range 10G

Long-range 10G optical modules enable high-speed data over distances up to 80km. Learn about types, specs, compatibility, and choosing the right module.

Cisco 10GBASE SFP+ Modules Data Sheet

The Cisco SFP-10G-LR-X is a multirate 10GBASE-LR, 10GBASE-LW, and OTU2/OTU2e module for extended operating temperature range. It supports a link length of 10 kilometers on standard Single

Optic Modules Datasheet

Features and Benefits The following table lists the different pluggable optic modules and supported platforms, along with the technical specifications for each.

Cisco 10GBASE SFP+ Modules Data Sheet

Product overview The Cisco® 10GBASE SFP+ modules (Figure 1) give you a wide variety of 10 Gigabit Ethernet connectivity options for data center, enterprise wiring closet, and service provider transport

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

Amphenol SFP Optical Modules • SFP+ Optical Modules from Cables on Demand are Now Available in both Short Range (SR) Multimode and Long Range (LR)

Alcatel-Lucent (Nokia) 3HE00564CA 01 10GBASE-LR XFP Optical

The Alcatel-Lucent (Nokia) 3HE00564CA 01 is a genuine original 10GBASE-LR XFP optical transceiver, manufactured by Finisar for Nokia/Alcatel-Lucent. Designed for carrier-grade 10 Gigabit Ethernet

DAC vs AOC vs Fiber + Optics Buying Guide | How to Choose the

Not sure whether to choose DAC, AOC, or Fiber + Optics? Learn the differences, transmission distances, applications, and recommended optical modules for data centers, enterprise

SFP-10G-LR-10 Avanis

About this product 10/5/2.5 Gigabit Fiber LR SFP+ Module, TX: 1310nm, RX: 1310nm, with SM LC 10 km, DDM functionality, temperature range 0~70 °C

StarTech Cisco SFP-10G-LR Compatible SFP+ Module

StarTech Cisco SFP-10G-LR Compatible SFP+ Module - 10GBASE-LR - 10GbE SMF Optic Transceiver - 10GE Gigabit Ethernet SFP+ - L \$323.36 Sold Out Description Safety & Compliance

Ericsson RDH 102 414/35 R1A (RTXM228-525-C25) 10G CWDM SFP+ optical ...

The Ericsson RDH 102 414/35 R1A is a high-performance 10G CWDM SFP+ optical transceiver designed for medium-reach 10Gbps fiber communications in telecom and wireless infrastructure

How to Choose the Right Fiber Optic Cable for Your Optical

How to Choose the Right Fiber Optic Cable for Your Optical Transceiver Selecting the right optical transceiver is only half of building a reliable fiber network. Many network failures that appear

Used StarTech Dell EMC SFP-10G-LR Compatible SFP+ 10Gbase-LR

StarTech Dell EMC SFP-10G-LR Compatible SFP+ 10Gbase-LR Fiber Optic Transceiver
Brand: StarTech UPC: 0065030883146 Mfr Part #: SFP10GLREMST General
InformationThe

StarTech SFP10GLREMST Dell EMC SFP-10G-LR Compatible SFP+ Module ...

The SFP10GLREMST is a Dell EMC SFP-10G-LR compatible fiber transceiver module that has been designed, programmed and tested to work with Dell EMC brand switches and routers. It delivers

10G BiDi SFP+ TX1550nm/RX1490nm 70KM LC Optical Transceiver

Get 10G BiDi SFP+ TX1550nm/RX1490nm 70KM LC Optical Transceiver from ETU-Link Technology CO.,LTD,we supply excellent SFP+ 10G BiDi 70KM SFP Module. Long using life,high

Startech Cisco SFP-10G-LR-40 Compatible SFP+ Module, 10GBASE-LR

The SFP-10G-LR-40-ST is a Cisco SFP-10G-LR-40 compatible fiber transceiver module that has been designed, programmed and tested to work with Cisco brand switches and routers.

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

SFP-10G-LR Datasheet Overview

☆ Industry's smallest 10G form factor for greatest density per chassis ☆ Hot-swappable input/output device that plugs into an Ethernet SFP+ port of a Cisco switch ☆ Supports "pay-as-you-populate"

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

SFP+ Optical Transceiver Modules (10G-SR/LR) Amphenol SFP Optical Modules • SFP+ Optical Modules from Cables on Demand are Now Available in both Short

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

