

Article Overview

10GBASE-LR SFP+ optical modules in Norway provide 10 Gigabit Ethernet connectivity over single-mode fiber up to 10 km, with broad multi-vendor compatibility.

Key Specifications

- o Standard: 10GBASE-LR, IEEE 802.3ae compliant
- o Data Rate: Dual-rate support for 1G Ethernet (1.25 Gbps) and 10GBASE-LR (10.3125 Gbps),
- o Wavelength: 1310 nm over single-mode fiber (SMF),
- o Maximum Distance: Up to 10 km over standard G.652 SMF, depending on optical budget and fiber quality
- o Optical Interface: Duplex LC/UPC connectors
- o Laser Type: DFB (Distributed Feedback) for transmission, PIN photodiode for reception
- o Hot-Pluggable: Yes, SFP+ form factor for easy installation and replacement
- o Compatibility: EEPROM-coded for operation with 80+ networking equipment brands, supporting multi-vendor interoperability

Applications

10GBASE-LR modules are widely used in:

- o Enterprise backbones and campus networks
- o Metro access networks
- o Data center interconnects
- o WAN and MAN applications requiring reliable 10G connectivity

Purchasing Options in Norway

- o QSFPTEK 10G SFP+ Modules: Available via Desertcart Norway with free delivery and easy returns
- o EDGE Optical Solutions 10G-SFP-10: Offers multi-vendor compatible modules with a 60-month warranty and ISO 9001:2015 certified quality processes
- o FS and Solid Optics: Provide a variety of 10G SFP+ transceivers and DAC cables, including single-mode, multimode, and CWDM/DWDM options up to 80 km

Deployment Considerations

- o Ensure fiber type matches the module (single-mode for LR modules).
- o Verify optical budget to maintain reliable link performance over the intended distance.
- o Check equipment compatibility if using switches, routers, or NICs from different vendors.



Norway 10G Pluggable Optical Module

o Optional Digital Diagnostic Monitoring (DDM/DOM) can provide real-time monitoring of optical parameters. These modules are ideal for organizations in Norway seeking high-speed, reliable 10G Ethernet connectivity with flexible vendor support and long-distance single-mode fiber deployment.

Perle 10G Optical Transceivers available as SFP+ and XFP modules can be used in Perle Media

Lasermate Group, Inc. offers a full range of RoHS-compliant SFP+ transceivers for high-speed 10Gbps optical communication. The

GIGALIGHT's 10G SFP+ DWDM optical transceiver modules for metro telecom, 5G pre-transmission or LTE pre-transmission are

SFP+ 10G Optics & DAC Cables including copper RJ45, multimode and single mode, Bidirectional, and CWDM/DWDM up to 80km

Does this module work in Cisco, Juniper, Aruba, or other vendor equipment? The 10G-SFP-10 can be

Hot Pluggable All D-Link transceivers are hot-pluggable. You can connect a transceiver while the system is

The STC-10G-SR is a short-range 10G SFP+ SR optical transceiver designed for high-speed 10 Gigabit Ethernet transmission over

This is a standard SFP+ optical module. It uses two single mode optical fibers and the speed rate can up to 10Gbps, transmission

10 Gbit/s SFP+ optical modules apply to 10 GE optical ports. The wavelength can be 850 nm, 1310 nm, or 1550 nm, and the

Buy SFP Modules from top brands like Hanwha Vision, GeoVision, NVT Phybridge and Pelco. Visit us for unbelievable prices,

What Are 10G BIDI XFP Optical Transceivers? 10G BIDI XFP optical transceivers are compact, hot-pluggable modules

10G LR 10KM SFP+ Optical Transceiver 10G LR SFP+ optical transceiver module, support 10Gb/s and up to 10km transmission, It

10G SFP+ Optical Module is a type of SFP+ transceiver that supports 10 Gigabit per second (10Gbps) data rates and

Norway 10G Pluggable Optical Module

The table below lists the Cisco Pluggable modules in the Cisco ONS family that have

Our pluggable coherent modules are used across our optical network platforms, converged IP-optical routing and fixed network

Learn everything about 10GB SFP modules, including types, specifications, compatibility, and how to choose the right 10G SFP+

Web: <https://morwarreconst.co.za>

