

What is the transmission rate of a 155Mbps optical module



Overview

A 155M SFP is an optical SFP module designed to transmit data at a fixed rate of 155Mbps, primarily used in SDH STM-1 and SONET OC-3 networks. Despite the dominance of Gigabit and 10G optics, 155M SFP modules are still actively purchased today —not as legacy leftovers, but as deliberate, cost-efficient. BWN-FE-B45LS BiDi is a high-performance 155M SFP module with Tx1490nm/Rx1550nm wavelengths, enabling single-strand fiber data transmission up to 80-120km for networks requiring reliable long-distance connectivity. The BWN-FE-B45LS SFP Module delivers cost-effective long-distance connectivity. Good quality 155Mbps BiDi SFP Transceiver Module (SMF, 1550nm-TX/1310nm-RX, 80km, LC or SC). Optcore's OPB155-5380xCR is a small form factor pluggable (SFP) bi-directional (BiDi) transceiver module for ultra long reach duplex optical data communications such as Fast Ethernet and 155Mbps SDH. Supporting 20km transmission over single-mode fiber at 1310nm wavelength, this 100/155M SFP module delivers 19 dB link budget with speeds from 100-155Mbps. Telcordia compliant with LC/UPC connectors, optimized for carrier-grade OC-3 and STM-1 deployments.

Article Content

155M SFP Transceiver Module, 550m, 2km,15km, 20km 40km, 60km, ...

The receiver section of optical SFP uses a PIN receiver and the transmitter uses the most of common FP or DFB lasers, which allow 550M ~ 150Km Fast Ethernet applications.

BWN-B45LS 155Mbps SFP BiDi Tx1490nm/Rx1550nm 80KM/120KM ...

The BWN-FE-B45LS SFP Module delivers cost-effective long-distance connectivity through innovative bidirectional technology, enabling 155Mbps transmission over a single fiber strand up to 80/120km.

SFP Optical Module 155M Single Optical Fiber 20km

This is a standard SFP optical module. It uses a single mode optical fiber and the speed rate can up to 155Mbps, transmission distance up to 20km.

SUN-SFP-155 Optical Transceiver

Sun Telecom's SUN-SFP-155 series of optical transceivers are SFP optical transceiver modules and support data-rate of 155Mbps.

155M 1550nm-TX/1310nm-RX 80km BiDi SFP Module

Optcore's OPB155-5380xCR is a small form factor pluggable (SFP) bi-directional (BiDi) transceiver module for ultra long reach duplex optical data communications such as Fast Ethernet and 155Mbps ...

155Mbps eSFP BIDI Optical Module

155Mbps eSFP BIDI Optical Module 155Mbps-eSFP-SM-1310nm (Tx)/1550nm (Rx)-15km-commercial 155Mbps-eSFP-SM-1550nm (Tx)/1310nm (Rx)-15km-commercial

OC-3/STM-1 SFP 20km Transceiver

Our OC-3/STM-1 SFP 20km transceiver enables reliable SONET/SDH connectivity for telecom networks. Supporting 20km transmission over single-mode fiber at 1310nm wavelength, this ...

155M SFP Transceiver Module: Specs, Types & Buying Guide

What Is a 155M SFP Transceiver Module? A 155M SFP is an optical SFP module designed to transmit data at a fixed rate of 155Mbps, primarily used in SDH STM-1 and SONET OC-3 networks.

SFP-1311 155Mbps Single-mode SFP Transceiver, 20km, 1310nm

Intended for use with 100BASE-FX, it provides up to 155 Mbps bidirectional data transfer rate on a single duplex fiber core. For use with 9 and 125 micron fiber cables, it can reach a distance of up to 20km.

Contact Us

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