

## ZX in optical module model



### Overview

The SFP-1G-ZX is a hot-swappable, 1 Gigabit optical transceiver that operates on a single wavelength of 1550nm. The "ZX" in its name stands for "Extended Reach," denoting its ability to transmit data up to 80 kilometers (approximately 50 miles) over single-mode fiber (SMF). In an era where enterprises are rapidly expanding their network infrastructure, SFP optical transceiver modules designed for long-distance transmission have become essential. These compact, hot-swappable devices support high-speed data links across campuses, metro networks, data center. The ZX SFP module is a long-haul SFP that provides a 1000BASE-X optical connection using LC connectors and SMF cable up to 80 km long. For a complete listing of hardware compatible with these modules, see the Extreme Optics Compatibility website. Use the tables below to pick the exact 1G SFP you need—then sanity-check with the ordering checklist at the end. For 1 Gigabit Ethernet, common SFP types include 1000BASE-SX, 1000BASE-LX, 1000BASE-BX, and 1000BASE-ZX. 3 standard and Fiber Channel FC-PI Rev. The product implements digital diagnostics via a 2-wire serial bus in SFP MSA.

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The 1.25G SFP ZX optical transceiver transmits data over single mode fibre at a distance of up to 80km. The transceiver operates on 1 wavelength and works in point-to-point scenario.



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Discover everything you need to know about SFP optical transceiver modules for long-distance fiber transmission. Compare LX, EX, ZX models and choose the right module for your ...



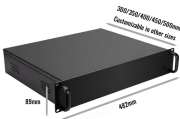
For 1 Gigabit Ethernet, common SFP types include 1000BASE-SX, 1000BASE-LX, 1000BASE-BX, and 1000BASE-ZX.



1000Base ZX SFP Module Single Mode 1550 nm 120 km Description er single mode cables at distances up to 120 km. It is fully compl nt to IEEE 802.3z standard for Gigabit Ethernet. It is a cost effective ...



For 1 Gigabit Ethernet, common SFP types include 1000BASE-SX, 1000BASE-LX, 1000BASE-BX, and 1000BASE-ZX. Their main differences lie in transmission distance, wavelength, ...



MODULETEK: SFP-GE-ZX-x-D10 1.25Gb/s SFP (Small Form Pluggable) Long Wavelength (1550nm) Transceiver Overview ModuleTek's SFP-GE-ZX-x-D10 SFP optical transceivers are based on ...



See 1G SFP types—SX/LX/EX/ZX, BiDi, CWDM/DWDM, and 1000BASE-T—with distances, wavelength pairs, temp grades, and Cisco/Huawei/Ruijie examples.



The Cisco SFP-GE-Z 1000BASE-ZX Ethernet transceiver is a Duplex SFP transceiver for optical communications, rated for distances up to 70 km and a maximum bandwidth of 1Gbps.



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## Contact Us

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