

Philippine SFP Optical Module DML



Article Overview

DML-based SFP optical modules are available in the Philippines for single-mode fiber applications, supporting distances up to 20 km with 1310 nm wavelength and DDM functionality.

Overview of DML SFP Modules

Directly Modulated Laser (DML) SFP modules are optical transceivers that use a laser diode directly modulated by the electrical signal. They are commonly used in single-mode fiber networks for switches, OLTs, and servers. Typical specifications include:

- Wavelength: 1310 nm
- Data Rate: 1.25 Gbps (for standard SFP) or up to 10 Gbps (for SFP+)
- Transmission Distance: Up to 20 km
- Connector Type: Dual LC
- Features: DDM (Digital Diagnostic Monitoring) for real-time monitoring of temperature, voltage, and optical power

Availability in the Philippines

Several platforms and distributors provide DML SFP modules locally:

- Lazada Philippines: Offers a wide range of SFP modules including 20 km single-mode transceivers compatible with Cisco, Mikrotik, and Huawei equipment. Products often include DDM support and wide temperature range for reliable performance .
- IT Warehouse: Supplies SFP modules, OLTs, ONUs, fiber cables, and related acces...

Article Content

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Dahua SFP Fiber Modules

Optical modules complying with SFP (Small Form-factor Pluggable) standard are devices converting electrical signal to the optical

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SFP+,SFP Plus Cisco sfp+,sfp plus,sfp 10g sr,sfp 10g er,sfp 10g lr,SFP+ (Small Form-factor Pluggable Plus) 10 Gbps Interconnect

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Sfp Transceiver

ZoeRax 1.25G/10G SFP Multi-Mode Dual Fiber Module LC Gigabit/10 Gigabit 800NW Fiber Transceiver Module Up To 300m/500m

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Fibre SFP Transceiver Modules An SFP stands for Small Form-Factor Pluggable also known as miniGBIC (gigabit interface

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EML vs DML Lasers: Key Differences and How to Choose for Optical Modules

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