# ZITHA TECH SPECIALTY CABLES (Pty) Ltd

# Price of 4G optical modules



## Overview

1/2/4G Transceiver Modules | Optical Transceivers FS provides 1/2/4G transceivers modules in SFP form factor, supporting transmission distances from 100m t.

## Key Takeaways

The cost of a 4G optical module typically ranges from $16 to several hundred dollars, depending on brand, type, and performance.Price Range Overview

4G optical modules, often in SFP form factor, are available at a wide range of prices. Low-cost or generic modules can start around $16–$80, suitable for short-reach or standard applications, while branded or specialized modules from major OEMs like Huawei or ZTE can cost $100–$300 or more, especially for single-mode or long-distance applications .

Factors Affecting Price
• Brand and Quality: Well-known brands provide better reliability, technical support, and warranty, which increases cost .

• Module Type and Form Factor: SFP, SFP+, XFP, and QSFP modules differ in speed, size, and compatibility, influencing price .

• Transmission Distance: Modules designed for longer distances or single-mode fiber are more expensive than short-reach multimode modules .

• Performance Features: Modules with enhanced features like low power consumption, high stability, or specialized optical components cost more .
Practical Considerations

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When purchasing, consider the application requirements such as data rate, fiber type, and connector type (LC, MPO). Volume purchases can reduce per-unit cost, and comparing prices across authorized resellers and e-commerce platforms can help find cost-effective options . In summary, a typical 4G optical module can cost anywhere from $16 for generic short-reach modules to $300+ for branded or long-distance modules, with the final price depending on brand, type, and performance requirements .

## Article Content

1/2/4G Transceiver Modules | Optical Transceivers

FS provides 1/2/4G transceivers modules in SFP form factor, supporting transmission distances from 100m to 120km over SMF/MMF

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Optical Transceiver Modules Prices & Specifications

What is Optical Transceiver Modules/SFP? Optical Transceiver Modules/SFP, also called fiber optic transceiver or optical

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4G modules: LTE

4G modules (or LTE modules) connect to 4G networks, the fourth generation of cellular network

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OPTICAL MODULE Price

Check OPTICAL MODULE price from the latest Cisco price list 2022.

Cisco QSFP-100G-LR4-S 100GBASE-LR4 QSFP28 Transceiver Module

The Cisco QSFP-100G-LR4-S compatible optical transceiver module with duplex LC connectors reaches a link up to 10km over OS2

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Check Huawei, Sierra Wireless, ZTE, Telit, MeiG, Quectel, SIMCOM 4G LTE module specs, models,

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Optical Modules Market Research Report 2034

The optical modules market was valued at $14.8 billion in 2025 and is projected to reach $39.6 billion by 2034, growing at a CAGR of

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Types of Optical Modules Type of Optical SFP PRICE AND SPECS

Therefore, when using such optical modules, select optical fibers of an appropriate length to ensure that the actual

Wholesale Optical Transceivers Module | 100G QSFP28, 40G QSFP

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Ozark Solutions provides high quality optical transceiver modules, designed to support reliable 1G, 2G, and 4G networking

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This 4G fibre channel SFP storage transceiver provides 40km transmission distance over 9/125µm single mode fiber at

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