

## Price quote for 1G active optical module for oil pipeline monitoring



### Overview

See practical price ranges for 1G–100G optical transceivers, DAC/AOC options, and why cost varies by speed, reach and technology — buying tips included. Typical range (street): \$5 - \$120 Low end: generic/compatible 1G SFPs (\$5–\$25). High end: OEM-branded or special-spec parts (industrial/extended temp) (\$60–\$120+). 10G optics remain a staple in data-center uplinks. Compatible 10G SR SFP+ modules often sell for tens of dollars, while genuine OEM. However, selecting the right 1G SFP module is far more complex than simply choosing a “1 Gbps” optic. Network engineers and procurement teams must consider multiple variables, including transmission distance, fiber type, wavelength, equipment compatibility, operating environment, and total cost of. Optcore's OPD1250-xx80DCR is a Dense Wavelength-Division Multiplexing small form-factor pluggable (SFP) transceiver module for 1000BASE-ZX long reach Gigabit Ethernet per IEEE802. 3z and 1G Fiber Channel application. It supports a dual data. SLB's pipeline integrity monitoring systems—part of the Optiq™ fiber-optic solutions family—enable pipeline operators to perform accurate leak detection and pig tracking while protecting pipelines from third-party intrusions and detecting ground movements, such as earthquakes and

subsidence. Using. Buy QSFPTEK 1G SFP (small form factor pluggable) with wide selection of 200+ brands compatible, 1000base-sx SFP, 1000base-lx SFP, 1000base-t SFP and 10/20/40/80km. Distributed Fiber Optic Sensing (DFOS) provides the capability to monitor your entire pipeline infrastructure 24/7.

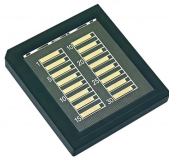
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The FEBUS Optics pipeline monitoring solution ensures continuous and real-time surveillance of any suspicious intrusions within the pipeline perimeter. A notification with precise location and event ...



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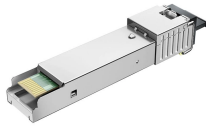
Fiber optic sensing systems provide continuous monitoring along the entire length of the pipeline, allowing real-time and early detection of potential issues, helping to prevent accidents, minimize ...



Our cost-effective solutions use Fiber Bragg Grating (FBG) sensors to measure the strain and acceleration response of platforms/FPSOs to the wave motion. Our FBG sensors confirm structural ...



1G Ethernet and FC SFP – Gigabit Ethernet (GbE) and 1G FC SFP transceivers for cost-effective optical networking, available in both single-mode and multimode variants.



Learn how to choose the right 1G SFP module for your network. Our guide covers compatibility, distance, fiber type, cost, and vendor selection for optimal performance.



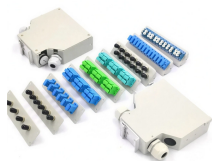
Huawei OptiXsense EF3000-A50 is a distributed optical fiber sensing system that can quickly identify and accurately locate pipeline threats, and report alarms in real time using optical fibers deployed ...



Using the latest fiber-optic sensing technology for pinpoint accuracy and continuous 24/7 real-time monitoring, our pipeline integrity monitoring systems provide uptime assurance for your assets.



Buy 1G 80km DWDM SFP ZX Optical Transceiver from Manufacturer at Affordable Factory Price, 5-Year Warranty & Money-back Guarantee.



Buy QSFPTEK 1G SFP (small form factor pluggable) with wide selection of 200+ brands compatible, 1000base-sx SFP, 1000base-lx SFP, 1000base-t SFP and 10/20/40/80km.

## Contact Us

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