

# 1G optical receiver for oil pipeline monitoring



## Overview

Pricing (USD) Filter the results in the table by unit price based on your quantity. 1 Gb/s Fiber Optic Transmitters, Receivers, Transceivers are available at Mouser. 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 FEBUS Optics offers a complete solution for oil and gas pipeline monitoring to: detect any risks caused by natural events. It comes with proprietary software, FOpipe Suite, and patented. 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. Pipeline operators and LNG terminal operators face unique and demanding challenges.

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AP Sensing's distributed fiber optic sensing technology provides a gapless pipeline monitoring solution for fast detection and accurate location of leaks and potential threats. Pipeline operators and LNG ...



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This article compares typical cost ranges across speeds and transceiver types, explains why prices vary, and gives practical guidance for choosing the right optics for a given budget and performance ...



Our sensor technologies are perfect for monitoring Oil, Natural Gas (NG) which includes, Methane (CH<sub>4</sub>), Green Hydrogen (GH<sub>2</sub>), and Carbon Dioxide (CO<sub>2</sub>) infrastructure including production ...



Mouser offers inventory, pricing, & datasheets for 1 Gb/s Fiber Optic Transmitters, Receivers, Transceivers.



1G SFP TRANSCEIVERS Sort By: Transceivers 1G SFP T Transceiver Now: \$44.00 Was: \$75.00 MSRP: \$330.00



Our solution FOpipe for oil and gas pipeline monitoring is offered to provide a response to these challenges. It comes with proprietary software, FOpipe Suite, and patented measuring devices.



Onshore pipelines are monitored to follow any leakage or damage due to external event (construction work, theft, third part intrusion lateral buckling). Optical fiber is a cost effective and reliable system ...



Integrated Optical Fiber Sensing Systems with Cloud Data Center User Interface Platform and Data Analysis System for Oil Pipeline Monitoring



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.



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 ...

## Contact Us

For more information, pricing, or custom network solutions, please contact us:

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