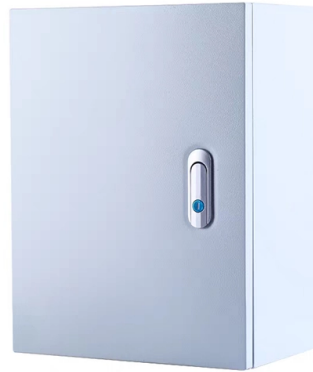


Optical module model Im



Overview

The LightABLE™ LM 4TRX SMT or pluggable module is a four-lane, full-duplex optical transceiver in a small, ruggedized package. The electrical interfaces are based on CML logic levels and support per channel data rates of up to 10.3125 Gbps (a total bandwidth over 40 Gbps). Lumotive's digital beamforming, made possible by our LCM technology, delivers the performance of a scanning lidar sensor without any of the cost, size, and reliability problems of mechanical systems. The module. Models in LM-X series by KEYENCE America: Head, Optional parts, Software. Semiconductor (photodiode) sensors convert incident photons into current, providing a highly sensitive power sensor. Incorporating an Ondax SureLock™ VHG-stabilized laser diode, the LM delivers steady, high-power, single-frequency performance in an ultra-compact footprint. With both computer and integrated user controls, the LM Series includes precision temperature. Embedded transceiver with microcontroller The LightABLE™ LM embedded optical modules are the most rugged devices offering high bandwidth (greater than 120 Gbps) in a chip-size package.



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