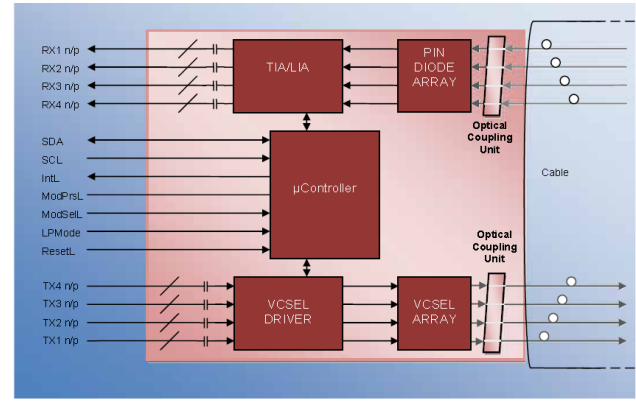




QA-X04-C02801-0100-0-01



Block Diagram of one of the QSFP28 AOC modules

Product Summary

This product is a high data rate parallel active optical cable (AOC), to overcome the bandwidth limitation of traditional copper cable. The AOC offers 4 independent data transmission channels and 4 data receiving channels via the multimode ribbon fibers, each capable of 25Gb/s operation. Consequently, an aggregate data rate of 100Gb/s over 100 meters transmission can be achieved by this product, to support the ultra-fast computing data exchange.

The product is designed with form factor, optical/electrical connection according to the QSFP Multi-Source Agreement (MSA).

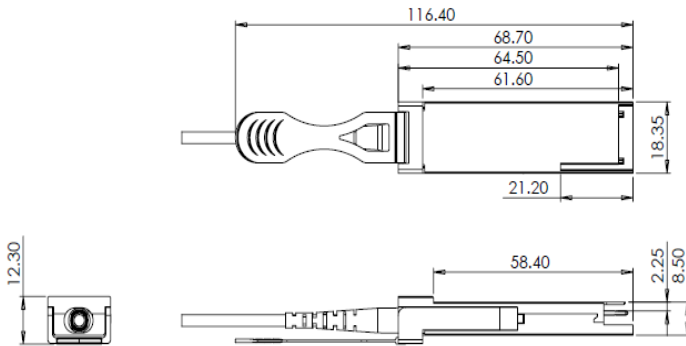
Specifications and Features Highlights

- **4 independent full-duplex channels**
- **Up to 28Gb/s data rate per channel**
- **QSFP MSA compliant**
- **Up to 100m OM4 MMF transmission**
- **Operating case temperature: 0 to 70°C**
- **Single 3.3V power supply**
- **Maximum power consumption 3.5W each terminal**
- **RoHS-6 compliant**

Applications

- **100G Ethernet links**
- **Infiniband EDR**

Mechanical Considerations



Ordering information

Part Number	Description
QA-X04-C02801-0100-0-01	QSFP28 Active Optical Cable (1m long) with Full Real-Time Digital Diagnostic Monitoring

For more information on this or other products:
 Contact sales at
1-514-842-5179 or **1-408-715-1781** by email at
sales@reflexphotonics.com

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Disclaimer: Information furnished by Reflex Photonics is believed to be accurate and reliable. However, no responsibility is assumed for its use. Reflex Photonics makes no representation that the interconnection of its circuits as described herein will not infringe on existing patent rights.

Note: Document revision history is present in separate document.

Compliance

Description	Specification
Safety	Laser Class 1 product EN 60825-1: 2014
RoHS	RoHS-6 Compliant
General information only; details are in data spec	