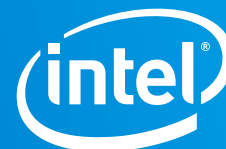
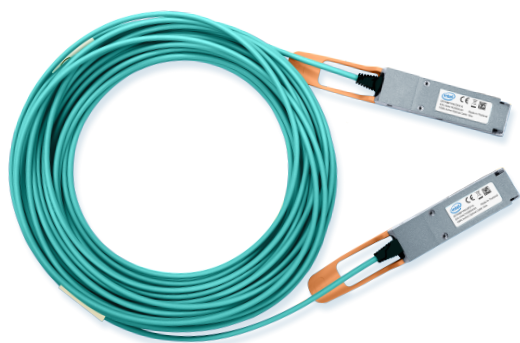


PRODUCT BRIEF

Intel® 100G QSFP28 Active Optical Cable



100G Multi Mode Optical Data Center Connectivity



Bringing together the power of optics and scalability of Intel manufacturing

Description

The Intel® 100 Gbps QSFP28 Active Optical Cable is a small form-factor, high-speed, and low-power consumption product targeted for use in optical interconnects for data communications applications. The high-bandwidth QSFP28 cable supports links up to 100 meters on multimode fiber.

Applications

- Connectivity for large-scale cloud and enterprise data centers
- Ethernet switch, server, router, and client-side telecom optical interfaces

Features

- Various cable lengths available up to 100 m
- Compact QSFP28 form factor for high faceplate density in networking equipment
- Compatibility with multimode connectors and cable infrastructures
- High-speed electrical interface compliant with IEEE CAUI-4
- Power dissipation of 2 W per cable end
- Operating temperature range: 0 to 70°C
- Full diagnostics and control through I2C, compliant with SFF-8636 management interface specifications

Ordering Information

Part Number	Description
SPTMJ1P1MCDExxx	100G Active Optical Cable, 1-100 m

xxx = cable length in meters up to 100 m (e.g. 001 = 1 m, 030 = 30 m, 100 = 100 m)



Contact us

For more information on this or other Intel[®] Silicon Photonics products visit us at www.intel.com/siliconphotonics