

# AOC Active Optical Cable OSFP Available Now



## Overview

Industry-leading 800G Active Optical Cables for hyperscale and AI computing clusters. NVIDIA/AMD GPU fabrics, 800G/400G backbones. Our active optical cable assembly portfolio provides improved cable flexibility and longer reach as compared to both traditional passive copper and emerging active copper (ACC/AEC) solutions, supporting high performance computing, data center and networking interconnect applications. TE. This cable is a 2x 400Gb/s twin-port OSFP (Octal Small Form-factor Pluggable) to 2x 400Gb/s twin-port OSFP active optical cable (AOC). It integrates eight high-speed electrical pairs, each supporting up to 100Gb/s with 100G-PAM4 modulation to deliver 800Gb/s links. It is compliant with OSFP MSA. Active Optical Cables combine fiber-optic reach with the simplicity of a permanently attached transceiver. Ideal for runs from 7 meters to 100 meters across rows of racks. This cable is compliant with IEEE 802.



## Article Content

### SFP, QSFP, QSFP-DD, OSFP Active Optical Cable Assemblies

Our active optical cable assembly portfolio provides improved cable flexibility and longer reach as compared to both traditional passive copper and emerging active copper (ACC/AEC) solutions,

#### 15m (49ft) Juniper Networks OSFP-800G-AOC-15M Compatible 800G

The solution leverages switches and 800G AOCs with low-power consumption and low latency to provide flexible, easy-to-manage network connectivity and high-throughput transmission, meeting the

#### Active Optical Cables (AOC) for 100G–800G | Wave2Wave

Active optical cables in 800G OSFP, 400G QSFP-DD, 100G QSFP28. Custom lengths up to 100m, vendor-coded for NVIDIA / Cisco / Arista / Juniper.

### Product-AOC-ACON OPTICS

ACON OPTICS offers a full range of high-performance Active Optical Cables (AOCs) including 800G, 400G, 200G, and 100G solutions, purpose-built for AI, cloud, and next-generation data center

#### 5m (16ft) Juniper Networks OSFP-800G-AOC-5M Compatible 800G

The 800G OSFP Active Optical Cable is designed for 800 Gigabit Ethernet links over OM4 multimode fiber. This cable is compliant with IEEE 802.3bs, OSFP Rev 5.0, SFF-8679, and CMIS Rev 4.0. The

### 800G Direct Attach Cables & Active Optical Cables

BlueOptics offers premium 800G Active Optical Cables (AOC) and Direct Attach Copper (DAC) cables, specifically designed for QSFP-DD (Quad Small Form-Factor Pluggable Double Density) and OSFP

#### 800G OSFP AOC (1–50m)

The GIGALIGHT 800G OSFP AOC active optical cable is used for short distance interconnections between equipment within data centers and are compliant with

### Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

