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.



© 2026 CJC FIBRE CONSULTANTS - All rights reserved

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.

© 2026 CJC FIBRE CONSULTANTS - All rights reserved

Contact Us

Continue your research online:

Website: https://cjcconsultants.co.za
Technical inquiry: https://cjcconsultants.co.za/contact.html

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

© 2026 CJC FIBRE CONSULTANTS - All rights reserved