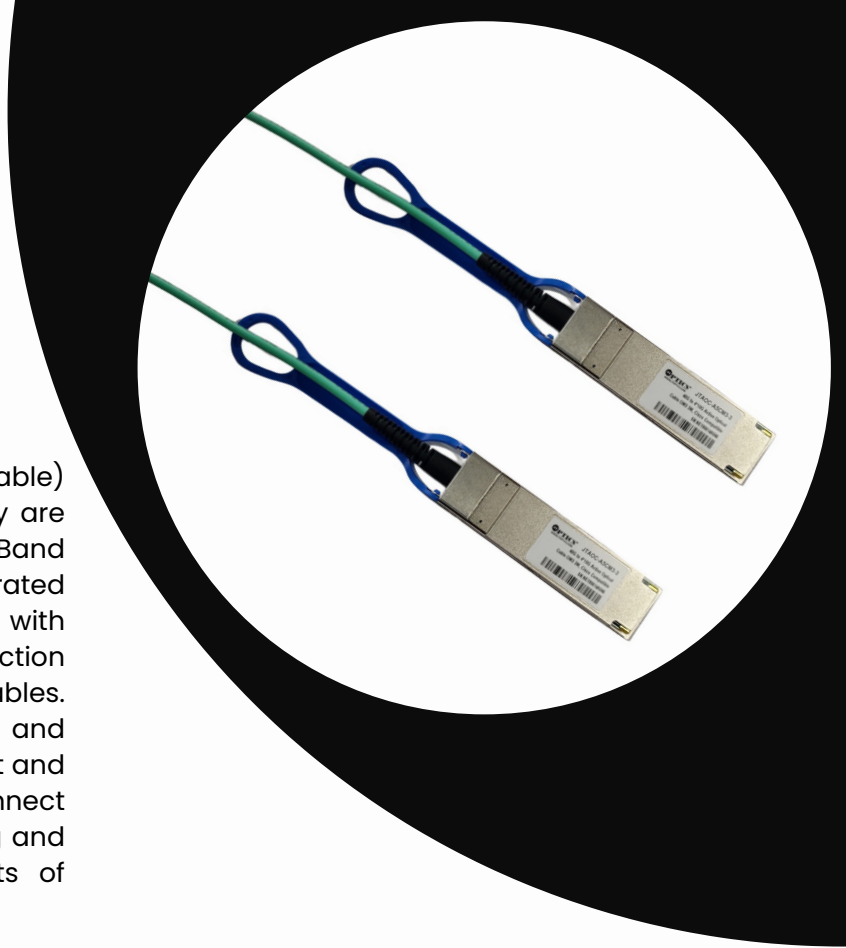


Data-Sheet

QSFP+ 40G AOC Active Optical Cable

40G QSFP+ Active Optical Cable (AOC)

JTOPTICS® 40G QSFP+ AOC (Active Optical Cable) cables are compliant with 40G QSFP+ MSA, they are designed to support 40G Ethernet and InfiniBand SDR/DDR/QDR. The 40G QSFP+ AOC integrated 4x10Gb/s data in one single OM3/OM4 cable with smart optics design. Compared to the connection between 2 QSFP+ transceivers and MPO/MPT cables. The 40G QSFP+ AOC uses COB technology and assembled with 40G optical engine for lower cost and power consumption. It is an ideal optical interconnect solution for large data centers, cloud computing and other applications that require large amounts of high-speed data transmission.



JTOPTICS® Active Optical Cable (AOC) cable assemblies are designed to meet data center, networking and high-performance computing application needs for a high-density cabling interconnect system, compatibility with major brands like Cisco, Juniper, Arista, Dell, HPE, Extreme, Brocade, Mellanox, H3C, Intel, IBM, Nokia, Zte, Ciena, Huawei, Ixia etc.

- Hot-pluggable QSFP+ AOC assemblies
- 4x 10G NRZ electrical interface
- 4x 10G NRZ optical interface
- Data rate up to 10.3125Gbps per channel
- Compliant with QSFP+ MSA, 40GBASE-SR4 Ethernet and InfiniBand QDR
- 850nm VCSEL laser • PIN photodetector.
- Low power consumption < 1W per end
- Compliant with InfiniBand QDR
- Length up to 100m using OM3 MMF
- Operating case temp. range 0°C to +70°C
- 3.3V power supply voltage
- RoHS-6 compliant (lead free)

Name	40GBASE-SR4 QSFP+ OM3 Multimode AOC Cable
Part Code	<u>JT-QSFP-40G-AOC-XX</u>
Connector - A	QSFP+
Connector - B	QSFP+
Cable Assembly Type	Active Optical Cable
Cable Type	Multimode OM3
Jacket Material	PVC/OFNP
Operating Temperature Range	0 to 70°C (32 to 158°F)
Protocols	40G InfiniBand 8x DDR, 4x QDR, 10/40 Gigabit Ethernet, Fibre Channel
Max Data Rate	40Gbps
Application	Data com Network 40 Gigabit Ethernet Data Centre IEEE 802.3ae 40GBASE-SR Servers, switches, storage

3 Years Warranty

About JT

In the dynamic realm of technology and innovation, the emergence of Jayani Technologies Limited has been nothing short of a saga marked by ingenuity, resilience, and a steadfast commitment to excellence. Originating as Jayani Technologies LLP in 2011 in the vibrant city of Mumbai, India, the company has evolved into a trailblazer in its domain. This narrative unfolds against the backdrop of the company's expansion into Hong Kong, a strategic move signaling its intent to conquer new horizons.

Established in 2011, Jayani Technologies (JTOPTICS[®]) was conceived as a response to the evolving technological landscape, recognizing the need for cutting-edge solutions that marry innovation with reliability. The Mumbai headquarters became the crucible for the company's early endeavor, a melting pot of talent and vision that propelled Jayani Technologies into the forefront of its industry and emerged as a leading manufacturer and supplier of cutting-edge solutions in the fields of optical Fiber, data center, networking, and electric vehicle components.

From its inception, the company distinguished itself by its unwavering commitment to client satisfaction, a commitment that became the cornerstone of its success. Jayani Technologies quickly became synonymous with technological prowess and an unwavering dedication to delivering solutions that transcended conventional boundaries.

JTOPTICS[®] has developed and produced many active and passive interconnection and connectivity products suitable for different networks, aiming to become a one-stop device integration solution provider in the open optical network field, products include MPO Cables, AOC cable, passive DAC cable, optical transceivers, optical modules & subsystems, active & passive optical components, and high-density cabling products.

Vision

Our vision is to be recognized by clients as trustful a trusted business partner whose mission is to help our clients by offering state-of-the-art products and services.

Mission

Our mission is to catalyze the success of its clients by providing unparalleled technological solutions. The company envisions itself as a catalyst for positive change, aiming to reshape industries through innovation, integrity, and a relentless pursuit of excellence.



Our Clients





Our Contact



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