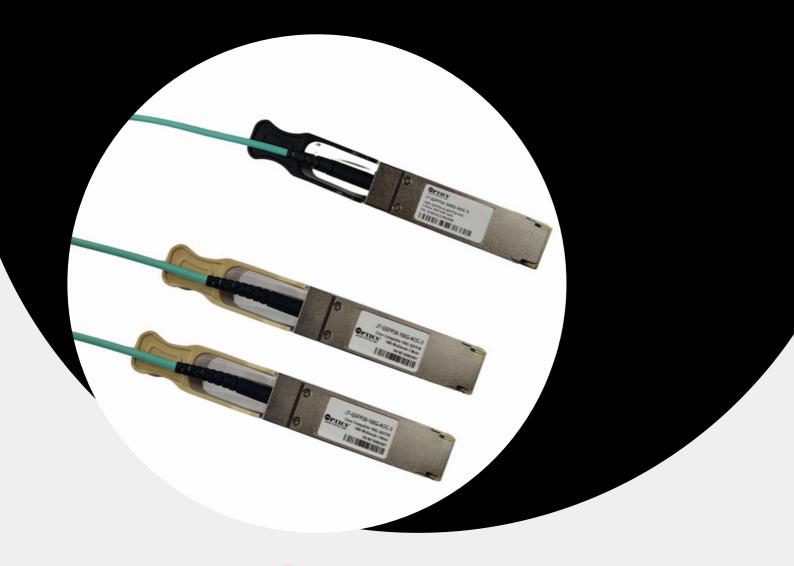
JAYANI TECHNOLOGIES LTD



Data-Sheet

QSFPDD to 2xQSFP28 200G to 2x100G Splitter AOC

Active Optical Cable





200G to 2x100G Splitter Active Optical Cable (AOC)

JTOPTICS® 200G QSFP28-DD Breakout AOC is a QSFP56 VCSEL-based (Vertical Cavity Surface-Emitting Laser), cost effective 200Gb/s to 2 x 100Gb/s active optical splitter cable (AOC) designed for use in 200G/2x100G Ethernet and InfiniBand EDR applications. It is QSFP-DD compliant with QSFP28 and specifications. It provides connectivity between system units with a 200Gb/s QSFP-DD connector on one side and two separate 100Gb/s QSFP28 connectors on the other side, such as link between a switch and two servers. The cable connects data signals of 8x25G NRZ from one single QSFP-DD end to two QSFP28 ends, which operates 4 x25G NRZ signals each.



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-DD and QSFP28 MSA Compliant
- 4-channel 850nm VCSEL array and PIN photodetector array
- Supports 200G to 2x 100G Ethernet Interoperability
- 8x 25G NRZ electrical interface
- 8x 25G NRZ optical interface
- Data rate up to 25.78125Gbps per channel.
- Compliant with QSFP-DD MSA, CMIS and IEEE 802.3
- Low power dissipation
- Max. Power Consumption 4W
- Commercial or industrial case operating temperature range
- MMF cable with customizable length up to 70M (OM3) & 100m (OM4)
- Single 3.3V power supply
- · Built-in digital diagnostic functionality
- RoHS compliant (lead free)

3 Years Warranty

Name	200GBASE-SR4 QSFP-DD to 2XQSFP28 Multimode AOC Cable
Part Code	JT-QSFPDD-QSFP28-200G-AOC- XX
Connector - A	QSFP-DD
Connector - B	2XQSFP28
Cable Assembly Type	Active Optical Cable
Cable Type	Multimode OM3/OM4
Jacket Material	PVC/OFNP
Operating Temperature Range	0 to 70°C (32 to 158°F)
Protocols	QSFP-DD MSA V5.0, QSFP28 MSA, CMIS V4.0, SFF-8636
Max Data Rate	200Gbps
Application	Data Center networking External Storage Systems High Performing Computing (HPC) Applications Networked storage systems





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.



























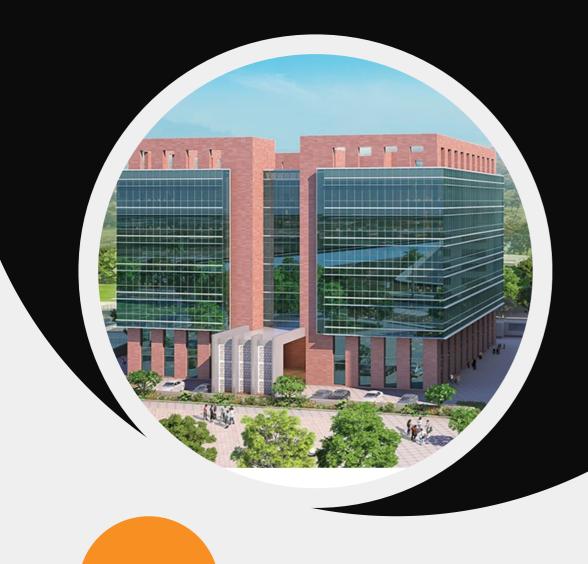












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