



Data-Sheet

SFP28 25G DAC

Direct Attached Cable

25G SFP28 Passive Direct Attached Cable (DAC)

JTOPTICS 25G SFP28 DAC (Direct-attach Cable) is made of twinax copper cables, which provides a cost-effective and environmentally friendly alternative to 25G optical SFP28 connection. It is assembled with two 25G SFP28 module heads, which cannot be removed, and the cable length is fixed. 25G SFP28 DAC is a good choice for short-distance connections within racks and across the adjacent racks applied in 25G data transmission. With the advantage of high reliability and low power consumption, it is widely used in data center and other 25G Ethernet applications. The 25G SFP28 DAC cables are compliant with IEEE P802.3by Ethernet standard and SFF-8402 SFP28 standard.



Direct attach copper (DAC) cables, also known as Twinax cables, are suitable for in-rack connections between servers and switches. They are suitable for short distances, making them ideal for highly cost-effective networking connectivity within a rack and between adjacent racks. JTOPTICS twinax copper cables are available with brand compatible version and compatible with major brands like Cisco, Finisar, Juniper, Arista, Dell, HPE, Extreme, Brocade, Mellanox, H3C, Intel, IBM, Nokia, Ciena, Huawei, Ixia.

- Hot-pluggable SFP28 DAC cable assembly
- Data rate up to 25.78125Gbps
- 1x 25G NRZ electrical interface
- Compatible to SFP28 MSA
- Compatible to SFF-8402 and SFF-8432
- Power consumption < 0.1W
- Single 3.3V power supply
- Low power dissipation
- Operating case temp. range 0°C to +70°C
- RoHS-6 compliant (lead free)
- Compliant with SFP28 MSA, IEEE 802.3 and InfiniBand EDR
- RoHS compliant (lead free)

3 Years Warranty

Name	25G DAC Cable SFP28 to SFP28 passive twinax copper cable
Part Code	<u>JT-SFP28-25G-DAC-XX</u>
Connector - A	SFP28
Connector - B	SFP28
Cable Assembly Type	Passive Twinax Copper Cable
Protocol	InfiniBand EDR, 25GBASE-CR
Jacket Material	PVC/LSZH
Commercial Temperature Range	0 to 70°C (32 to 158°F)
Cable Type	30 AWG (1, 2, 3 Meter) 24 AWG (Length >3 meter)
Max Data Rate	25Gbps
Application	Data com Network 25 Gigabit Ethernet Data Centre Servers, switches, storage

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

ciena

ADVA[™]
Optical Networking

colt

CISCO

Coriant

MAVENIR



इसरो isro

JUNIPER
NETWORKS

TEJAS[®]
NETWORKS

भारत इलेक्ट्रॉनिक्स
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HITACHI

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LARSEN & TOUBRO



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