DAC Cable 10G

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Variants

DAC-3M DAC-5M DAC -1M

Details

The **DAC SFP10G** is a high-performance **10G SFP+ Direct Attach Copper (DAC) Cable** designed for short-distance, high-speed networking. It provides a cost-effective alternative to optical transceivers by integrating two SFP+ connectors with a Twinax copper cable, eliminating the need for separate optics and fiber patch cords.

Ideal for **data centers, enterprise networks, ISP infrastructure, server racks, storage systems, and switch-to-switch connectivity**, the DAC SFP10G delivers low latency, low power consumption, and reliable 10 Gigabit Ethernet performance.

Data Rate
10 Gbps

Cable Type

Passive DAC

Cable Length

1–20 m

Power

1 W

Key Features

? 10Gbps High-Speed Ethernet Connectivity

? Passive Twinax Copper Cable Design

? Low Latency & High Reliability

? Low Power Consumption (1W)

? Hot-Pluggable SFP+ Connectors

? Cost-Effective Alternative to Optical Modules

? Supports Full Duplex Communication

? Digital Diagnostic Monitoring (DDM) Supported

? MSA Compliant & Multi-Vendor Compatible

? Ideal for Data Centers, ISPs & Enterprise Networks

Technical Specifications

Parameter	Details
Product Name	DAC SFP10G – 10G SFP+ Direct Attach Copper Cable
Model	DAC SFP10G
Data Rate	10 Gbps
Cable Type	Passive Twinax Copper (DAC)
Cable Length	1 Meter to 20 Meters
Connector Type	2 × SFP+ (Mini-GBIC)
Impedance	100 ?
Wire Gauge	30 AWG
Jacket Material	PVC
Power Consumption	1 Watt
Operating Voltage	3.3V DC
Transmission Mode	Full Duplex
DDM Support	Yes
MTBF	61,728,395 Hours

Compatibility

Parameter	Details
OEM Compatibility	100% Dell EMC Compatible
Supported Devices	10G Switches, Routers, Servers & Storage Devices
MSA Compliance	Fully Compliant
Multi-Vendor Support	Dell EMC, Ubiquiti, D-Link, TP-Link, Netgear, Cisco, MikroTik, Juniper, Supermicro, HPE and many more.

Environmental Specifications

Parameter	Specification
Operating Temperature	0°C to +70°C
Storage Temperature	-40°C to +85°C
Humidity	0% – 85% RH (Non-condensing)

Applications

- Data Centers
- Server Rack Connections
- Switch-to-Switch Links
- Switch-to-Server Connectivity

Enterprise Networks

ISP & Telecom Infrastructure

Storage Area Networks (SAN)

High-Speed 10GbE Networking

Why Choose D-TECH DAC Cables?

D-TECH supplies high-quality **DAC (Direct Attach Copper) Cables** for enterprise, ISP, and data center applications. Our cables are fully tested for performance, compatibility, and reliability with leading networking brands, delivering stable 10G connectivity with low latency and minimal power consumption.

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