

# DAC Cable 10G

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## Variants

3M 1M 5M

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

## Compatibility

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

## Environmental Specifications

Parameter	Specification
<b>Operating Temperature</b>	0°C to +70°C
<b>Storage Temperature</b>	-40°C to +85°C
<b>Humidity</b>	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.