NEW PRODUCT

SFP+ copper cable assemblies

DAC-10G-SFP-0xM

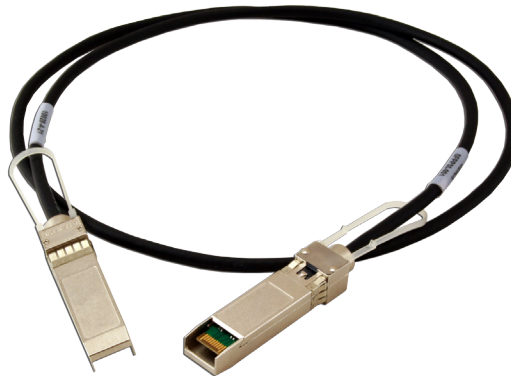## Direct Attached Copper Cable Assemblies for 10Gig Networks

The SFP+ copper cable assemblies were developed specifically as a cost-effective and low power alternative to optical cables and optical SFP+ modules for short reach links in high-speed interconnect applications.

Features

▸ Supports data transfer rates up from 1Gbps up to 10+ Gbps

▸ Ideal for high speed interconnects in enterprise networking, storage area networks, and at service provider customer hand-off points

▸ Combines twin-axial shielded cable configurations with robust die cast housings for enhanced support of high frequency data rates

▸ Impedances matched to ensure interoperability and minimize EMI leakage through their fully-shielded design

▸ Standard SFP+ latch interoperable with all compliant interfaces

Applications

▸ InfiniBand SDR, DDR, and QDR

▸ Ethernet 1G and 10G

▸ Fiber Channel 8G and 10G

▸ FCoE 10G

▸ Networking

▸ Storage

▸ Hubs, switches, routers, servers, NICs

Ordering Information

DAC-10G-SFP-01M
10Gig Direct Attached SFP+ copper cable, 30 AWG, 1 meter

DAC-10G-SFP-03M
10Gig Direct Attached SFP+ copper cable, 30 AWG, 3 meter

DAC-10G-SFP-05M
10Gig Direct Attached SFP+ copper cable, 28 AWG, 5 meter

DAC-10G-SFP-07M
10Gig Direct Attached SFP+ copper cable, 24 AWG, 7 meter

Specifications

Standards	Electrical: SFF-8431, SFF-8083 Mechanical: SFF-8432 EEPROM: SFF-8472
Electrical	Min. Dielectric Withstand Voltage: 300VDC Insulation Resistance: 1000Mohms Current Rating: 0.5 Amp Min/Signal Contact
Operating Temperature	-10° to 70° degrees C (14° to 158° degrees F)
Flammability Rating	UL 94 V-O
Green Features	RoHS, Lead Free
Shield	Braid/Foil
Plug	Backshell Material: Nickel-Plated Zinc Diecast Contact material: PCB with Gold-Plated Pads Plastic Material: LCP Latch: Positive Latching w/ Lanyard Pull

Cable	Conductor: Solid
	Wire Gauge: 30 AWG to 24 AWG
	Impedance: 100+/- 5 ohms
	Construction: Twin axial
	Cable ODCable
	    30 AWG = 4.45mm (0.175 in)
	    28 AWG = 4.7mm (0.185 in)
	    24 AWG = 5.7mm (0.255 in)
	Jacket Type: PVC
	Bend Radius: 5x Cable OD

Compatibility	MSA Compliant: Cables are compliant with Multi Sourcing Agreement compliant SFP ports Cisco Compatible: Starting with Cisco NX-OS Software release 4.1(3)N2.1, these cables will function properly with the Nexus 2000 and 5000 series switches
Shipping Weight	1 lb. [0.45 kg]
Warranty	Lifetime