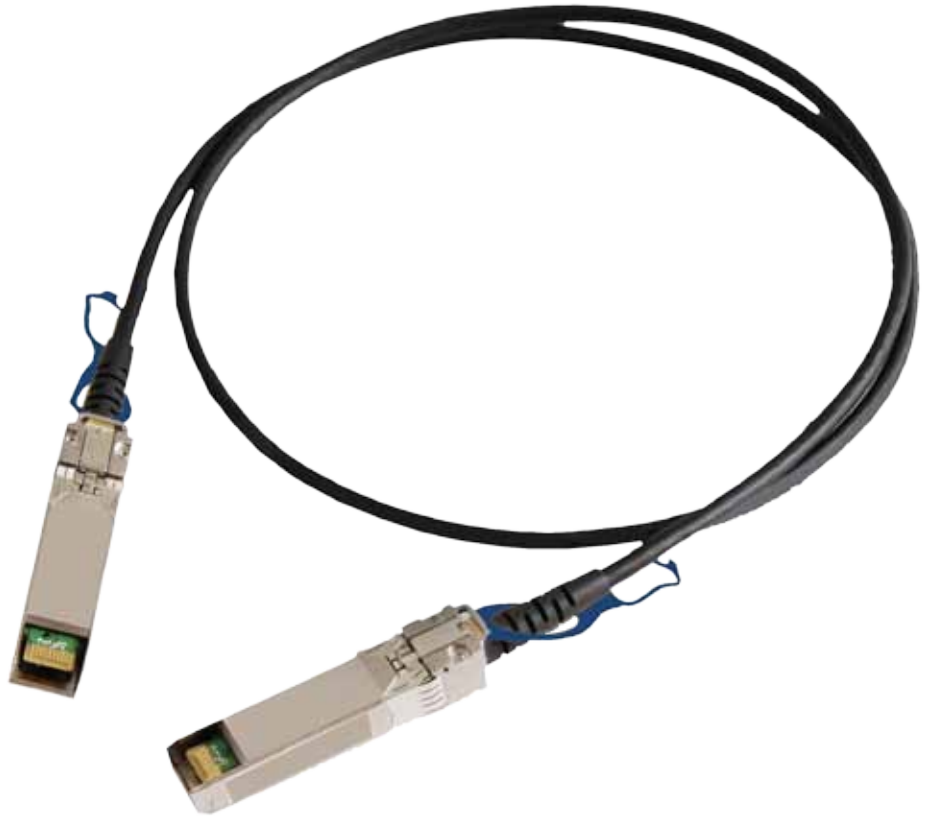## Overview

The SFP+ Passive DAC cable is a high-performance, cost effective I/O solutions for 10Gb Ethernet and 10G Fiber Channel applications. SFP+ Passive DAC cable enables hardware manufacturers and data center operators to achieve high port density, configurability and utilization at a very low cost and with reduced power requirements.

These high-speed DAC cables meet and exceed the performance and reliability requirements stipulated by Gigabit Ethernet and Fiber Channel industry standards. They are compliant with the SFP+ MSA specifications.
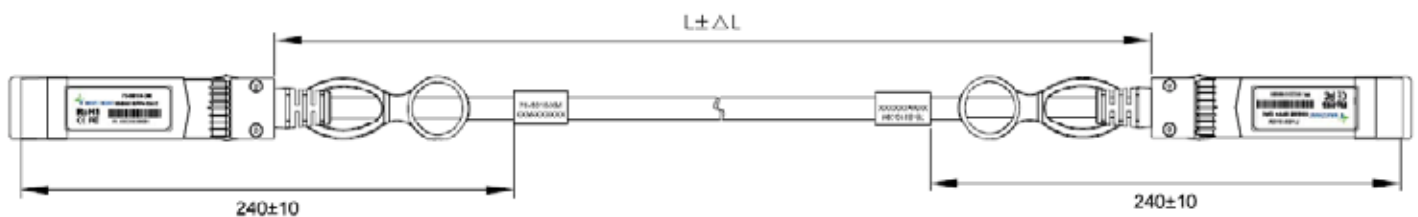
Features & Benefits

• Support Serial Data Rates up to 10Gbps

• Support 1x, 2x, 4x and 8x Fiber Channel Data Rates

• Hot-Pluggable SFP 20PIN Footprint

• 24AWG - 30AWG Cable

• Low Power Consumption

• EMI/EMC Performance

Applications

• 10GbE Ethernet 10GBASE-T

• Storage Area Networks(SAN)

• 1G/2G/4G/8G Fiber Channel

• Data Center Cabling Infrastructure

• High Density Connections

• Switched Fabric I/O (Ultra High Bandwidth Switches & Routers)

Cable Diagram

$L \pm \triangle L$

240±10

240±10

Table 1 - Absolute Maximum Ratings

Parameter	Range
Operating Voltage	6 V
Operating Case Temperature	-40 °C to +85 °C
Storage Ambient Temperature	-40 °C to +85 °C

Table 2 - Operating Conditions

Parameter	Minimum	Typical	Maximum	Units
Supply Voltage	3.13	3.3	5.25	V
Data Rate per Lane	1		10	Gb/s

Table 3 - Physical Data

Parameter	30AWG	24AWG	Units
Cable Diameter	4.5	6.5	mm
Bend Radius, Minimum Sustained Bend	22.5	32.5	mm

Standards Compliance

- Electrical: SFF-8431, SFF-8083
- Mechanical: SFF-8432
- EEPROM: SFF-8472
- SFP+ MSA
- RoHS

RoHS

Product Selection

Part Number: 75-S010-XX		Length	AWG
xx	1M	1 meter cable	30
	2M	2 meter cable	30
	3M	3 meter cable	30
	4M	4 meter cable	24
	5M	5 meter cable	24
	6M	6 meter cable	24
	7M	7 meter cable	24

Custom Cable Lengths and Colors also Available