SFP+ (10G) DAC Cable

SKU#: ECX-SFP-DAC-XX-XXM

The Enconnex Direct Attach Copper (DAC) cable offers customers a high-performance, low cost, less power consumption, and low latency connectivity option. This SFP+ supports data rates of up to 10G. Each DAC cable is fully tested for compatibility and are MSA (Multi Source Agreement) compliant.

Figure 1: SFP+ (10G) DAC Cable

PRODUCT APPLICATIONS

Engineered to seamlessly integrate with all Enconnex Cabinet Cable Management products and are ideal for customers wanting high speeds at a great value.

PRODUCT FEATURES

- Supports data rates of up to 10G, and high-speed applications
- Low latency
- Less power consumption
- MSA Compliant
- Fully tested for compatibility

SPECIFICATIONS

SKU	Description
ECX-SFP-DAC-XX-0.5M	Enconnex, SFP+ (10G), Passive Direct Attach Copper Cable, 30AWG, [Manufacturer] Compatible, 0.5M
ECX-SFP-DAC-XX-1M	Enconnex, SFP+ (10G), Passive Direct Attach Copper Cable, 30AWG, [Manufacturer] Compatible, 1M
ECX-SFP-DAC-XX-2M	Enconnex, SFP+ (10G), Passive Direct Attach Copper Cable, 30AWG, [Manufacturer] Compatible, 2M
ECX-SFP-DAC-XX-3M	Enconnex, SFP+ (10G), Passive Direct Attach Copper Cable, 30AWG, [Manufacturer] Compatible, 3M
ECX-SFP-DAC-XX-5M	Enconnex, SFP+ (10G), Passive Direct Attach Copper Cable, 30AWG, [Manufacturer] Compatible, 5M
ECX-SFP-DAC-XX-7M	Enconnex, SFP+ (10G), Passive Direct Attach Copper Cable, 30AWG, [Manufacturer] Compatible, 7M

RECOMMENDED OPERATING CONDITION

Parameter	Symbol	Min	Typical	Maximum	Unit
Operating Temperature		-20		85	C
Input Voltage	VccT, Vccr	1.8	3.3	5.5	Volts
Clock Frequency				400	kHz
Maximum Power				15	mW
Maximum Average Current	Icc		-	4	mA
Data Rate		0.010		10.3125	Gbps

MECHANICAL SPECIFICATIONS

Parameter	Minimum	Typical	Maximum	Unit
Cable Diameter (24 AWG)		0.255		Inches
Bend Radius (24 AWG)	1.25			Inches
Cable Diameter (28 AWG)		0.185		Inches
Bend Radius (28 AWG)	0.8			Inches
Cable Diameter (30 AWG)		0.175		Inches
Bend Radius (30 AWG)	0.7			Inches
Within Pair Skew			120	ps/10m
Cable Insertion Loss				dB/10m
Bulk Cable Crosstalk			1	%
Bulk Cable Time Delay			4.3	ns/m
Cable Capacitance (intra-pair)			43	pF/m
Bulk Cable Impedance	95	100	105	Ohms