

QSFP28 (100G) DAC Cable

SKU#: ECX-QSFP28-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 QSFP28 supports data rates of up to 100G. Each DAC cable is fully tested for compatibility and are MSA (Multi Source Agreement) compliant.

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.



Figure 1: QSFP28 (100G) DAC Cable

PRODUCT FEATURES

- Supports data rates of up to 100G, and high-speed applications
- Low latency
- Less power consumption
- MSA Compliant
- Fully tested for compatibility

SPECIFICATIONS

SKU	Description
ECX-QSFP28-DAC-XX-1M	Enconnex, QSFP28 (100G), Passive Direct Attach Copper Cable, 30AWG, [Manufacturer] Compatible, 1M
ECX-QSFP28-DAC-XX-2M	Enconnex, QSFP28 (100G), Passive Direct Attach Copper Cable, 30AWG, [Manufacturer] Compatible, 2M
ECX-QSFP28-DAC-XX-3M	Enconnex, QSFP28 (100G), Passive Direct Attach Copper Cable, 30AWG, [Manufacturer] Compatible, 3M
ECX-QSFP28-DAC-XX-5M	Enconnex, QSFP28 (100G), Passive Direct Attach Copper Cable, 30AWG, [Manufacturer] Compatible, 5M

RECOMMENDED OPERATING CONDITION

Parameter	Symbol	Min	Max	Unit
Operating Case Temperature	Topc	-40	85	degC
Relative Humidity (non-condense)	RS	-	85	%
Supply Voltage	VCC3	3.135	3.465	V
Power Supply Current	ICC3		1	mA
Total Power Consumption	Pd	-	0.5	W

MECHANICAL SPECIFICATIONS

Parameter	Minimum	Typical	Maximum	Unit
Cable Diameter (26 AWG)		0.385		Inches
Bend Radius (26 AWG)	1.929			Inches
Cable Diameter (30 AWG)		0.271		Inches
Bend Radius (30 AWG)	1.355			Inches
Within Pair Skew			100	ps/10m
Cable Insertion Loss		29.77		dB/10m
Bulk Cable Time Delay			5.2	ns/m
Bulk Cable Impedance	95	100	105	Ohms
Insertion Force	/		40	N
Withdrawal Force	/		30	N
Rentention Force	90		/	N
Durability	50 Cycles		/	/