

QSFP+ DAC Cable (40G)

SKU#: ECX-QSFP-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 QSFP supports data rates of up to 40G. 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.

PRODUCT FEATURES

- Supports data rates of up to 40G, and high-speed applications
- Low latency
- Less power consumption
- MSA Compliant
- Fully tested for compatibility



Figure 1: QSFP+ DAC Cable (40G)

SPECIFICATIONS

SKU	Description
ECX-QSFP-DAC-XX-0.5M	Enconnex, QSFP+ (40G), Passive Direct Attach Copper Cable, 30AWG, [Manufacturer] Compatible, 0.5M
ECX-QSFP-DAC-XX-1M	Enconnex, QSFP+ (40G), Passive Direct Attach Copper Cable, 30AWG, [Manufacturer] Compatible, 1M
ECX-QSFP-DAC-XX-2M	Enconnex, QSFP+ (40G), Passive Direct Attach Copper Cable, 30AWG, [Manufacturer] Compatible, 2M
ECX-QSFP-DAC-XX-3M	Enconnex, QSFP+ (40G), Passive Direct Attach Copper Cable, 30AWG, [Manufacturer] Compatible, 3M
ECX-QSFP-DAC-XX-5M	Enconnex, QSFP+ (40G), Passive Direct Attach Copper Cable, 30AWG, [Manufacturer] Compatible, 5M
ECX-QSFP-DAC-XX-7M	Enconnex, QSFP+ (40G), Passive Direct Attach Copper Cable, 30AWG, [Manufacturer] Compatible, 7M

RECOMMENDED OPERATING CONDITION

Parameter	Symbol	Min	Max	Unit
Operating Case Temperature	Topc	-40	85	degC
Storage Temperature	Tst	-20	125	degC
Relative Humidity (non-condense)	RS	-	85	%
Supply Voltage	VCC3	3.135	3.465	V
Voltage on LVTTTL Input	Vi lvttl	-0.3	VCC3 +0.2	V
Power Supply Current	ICC3	0.001	-	mA
Total Power Consumption	Pd	-	0.003	W

MECHANICAL SPECIFICATIONS

Parameter	Minimum	Typical	Maximum	Unit
Cable Diameter (24 AWG)		0.385		Inches
Bend Radius (24 AWG)	1.929			Inches
Cable Diameter (26 AWG)		0.346		Inches
Bend Radius (26 AWG)	1.732			Inches
Cable Diameter (28 AWG)		0.295		Inches
Bend Radius (28 AWG)	1.476			Inches
Cable Diameter (30 AWG)		0.259		Inches
Bend Radius (30 AWG)	1.299			Inches
Within Pair Skew			120	ps/10m
Cable Insertion Loss		10		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