

QSFP28 (100G) DAC

The Enconnex Direct Attach Copper (DAC) cable offers customers a high performing, low cost, less power consumption, and low latency connectivity option. This QSFP supports data rates of up to 100G. Each DAC cable is fully tested for compatibility and are MSA (Multi Source Agreement) compliant.

APPLICATION

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

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, 26AWG, [Manufacturer] Compatible, 3M
ECX-QSFP28-DAC-XX-5M	Enconnex, QSFP28 (100G), Passive Direct Attach Copper Cable, 26AWG, [Manufacturer] Compatible, 5M

RECOMMENDED OPERATION CONDITION

Parameter	Symbol	Min	Max	Unit
Operating Case Temperature	Topc	-40	85	degC
Relative Humidity (non-condensation)	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 (26AWG)		0.385		Inches
Bend Radius (26AWG)	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/5m
Bulk Cable Time Delay			5.2	ns/m
Bulk Cable Impedance	95	100	105	Ohms
Insertion Force	/		40	N
Withdrawal Force	/		30	N
Retention Force	90		/	N
Durability	50 Cycles		/	/