



100G DAC High-Speed Cable

HDAC-QSFP28-100G

100G to 100G (QSFP28 to QSFP28) DAC Cable HDAC-QSFP28-100G-XXM

Key Features:

- ✓ 100G high-speed transmission cable.
- ✓ Single-channel maximum rate of 28Gbps.
- ✓ Maximum transmission distance of 5M.
- ✓ Complies with SFF-8665 standard.
- ✓ Operating temperature: 0~70°C.
- ✓ 30 AWG wire diameter.



Applications:

- ✓ Data Center Network
- ✓ Switch / Router /Servers /Storage Arrays
- ✓ 100G Ethernet
- ✓ Data storage and communication industry

Standard Compliance:

- ✓ Compliant to SFF-8665
- ✓ ROHS

Product Introduction:

Foreedge 100G QSFP28 DAC high-speed cable is used in short distance interconnection scenarios such as 100G Ethernet and Infiniband. Applied in 100G Ethernet and Infiniband short-distance interconnects, this product is 100% compatible with all major brands of servers, switches, routers, PDH/SDH transmission equipment, EPON, GPON, WDM PON base stations, and more. The high-speed cable meets the requirements of high-density port configurations for hardware communication devices and data centers with low cost and low power consumption. The maximum length of the DAC cable is 5M, catering to various length demands.

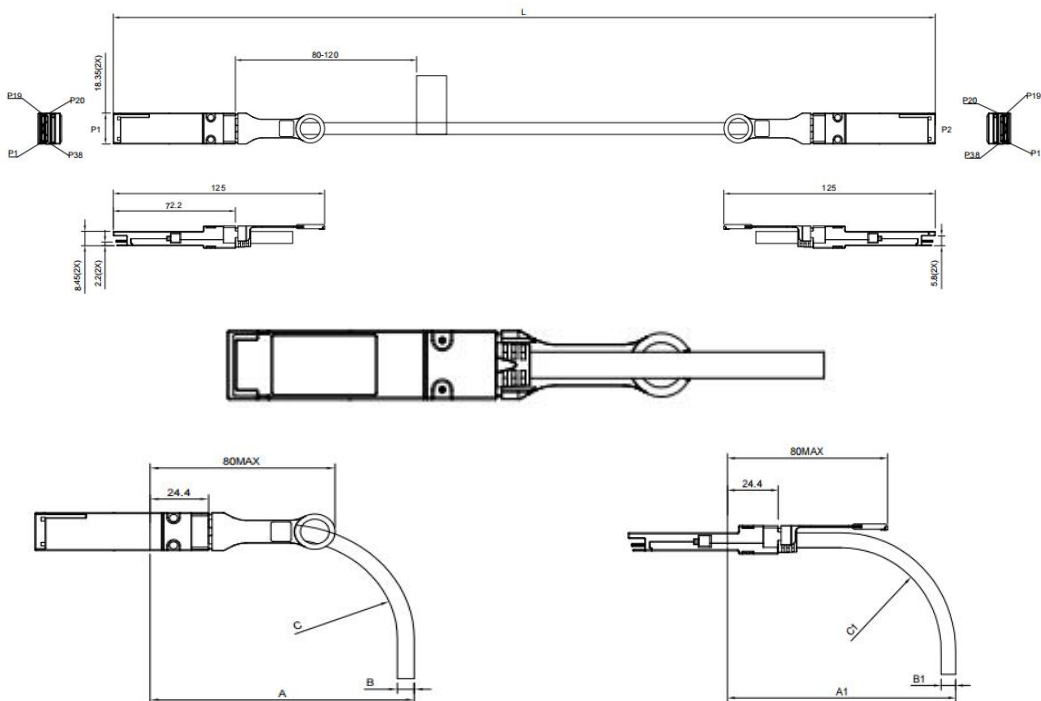
Absolute Maximum Ratings

Parameter	Symbol	Min.	Typ.	Max.	Unit	Note
Storage Temperature	Ts	-40		85	°C	
Storage Ambient Humidity	HA	5		95	%	
Power Supply Voltage	VCC	-0.5		4	V	
Signal Input Voltage		-0.3		Vcc+0.3	V	

Recommended Operating Conditions

Parameter	Symbol	Min.	Typ.	Max.	Unit	Note
Operating Case Temperature	Tc	0		70	°C	
Baud Rate per Lane (PAM4)	FD		53.125		GBaud/s	
Humidity	Rh	5		85	%	

Mechanical Dimensions



Order Information

Model	Speed	Cable Length	Wire Diameter
HDAC-QSFP28-100G-1M	100G	1M	30AWG
HDAC-QSFP28-100G-2M	100G	2M	30AWG
HDAC-QSFP28-100G-3M	100G	3M	30AWG
HDAC-QSFP28-100G-4M	100G	4M	30AWG
HDAC-QSFP28-100G-5M	100G	5M	30AWG

Important Notice

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