

# 100G Passive QSFP28 Direct Attach Cable Series

High-quality 100G QSFP28 connection cables with optional 4 x 25G SFP28 breakout (fanout) interface for fiber aggregation applications.

DEM-CB100Q28

DEM-CB100Q28-4S28

- Quad Small Form-factor Pluggable 28 (QSFP28)
- 100 Gbps data rate
- Compliant with the following standards:
  - SFF-8436
  - SFF-8636
  - SFF-8665
  - EIA-364
  - EIA-364-1000.01



## High Bandwidth

100G connectivity (direct & breakout cable, 4 x 25 Gbps) for high-density networks



## Industry Compliance

Compliant with SFF-8436, SFF-8636, SFF-8665, EIA-364, and EIA-364-1000.01 standards



## Cost-Effective Connectivity

Ideal for short distance in-rack link transmission between servers and switches

Model	DEM-CB100Q28	DEM-CB100Q28-4S28
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Product Image



## General

Device Rate	100 Gbps	100 Gbps
Connector Type	QSFP28 Cable Assembly	QSFP28 Cable Assembly
Wire AWG	30 AWG	30 AWG

## Functionality

SFP MSA Standard	SFF-8436, SFF-8636, SFF-8665	SFF-8436, SFF-8636, SFF-8665
Electrical Connector Performance Test Standard	EIA-364, EIA-364-1000.01	EIA-364, EIA-364-1000.01
Flammability Standard	UL 94	UL 94

## Physical

Minimum Cable Bend Radius	34.5 mm (1.36 in)	23 mm (0.91 in)
Cable Characteristic Impedance	100 Ohms	100 Ohms
Voltage	30 V AC	30 V AC
Current	0.5 A	0.5 A
Operating Temperature	-40 to 75 °C (-40 to 167 °F)	-40 to 75 °C (-40 to 167 °F)