



# OFM-CB100Q28

## Passive Copper 100G QSFP28 Direct Attach Cable, 1 m

2xQSFP28, 100 Gbps, 30 AWG, DAC, 1 m



OFM-CB100Q28 is a 1 m direct attach passive cable with 2x100G QSFP28 connectors.

The ORIGO OFM-CB100Q28 cable is designed to connect switches with 100G QSFP28 ports within the same or adjacent racks and is an affordable alternative to expensive 100G optical modules and fiber optic cable.

The OFM-CB100Q28 is a 30 AWG twinaxial cable with 2 hardwired QSFP28 connectors. The maximum data rate is 100 Gbps.

The cable is manufactured in accordance with MSA SFF-8661 and SFF-8636 specifications, and has low crosstalk and low power consumption.

### Key Features

- For connecting switches to 100G QSFP28 ports
- 100 Gbps data rate
- Up to 1 m connection
- Compliant with SFF-8661, SFF-8636 standards
- Backward compatible with QSFP+ connectors



## Specifications

### General features

Cable Type	<ul style="list-style-type: none"><li>• DAC (passive)</li></ul>
Connector type	<ul style="list-style-type: none"><li>• 2xQSFP28</li></ul>
Data rate	<ul style="list-style-type: none"><li>• 100 Gbps (QSFP28)</li><li>• 40 Gbps (QSFP+)</li></ul>
Cable length	<ul style="list-style-type: none"><li>• 1 m</li></ul>
Wire AWG	<ul style="list-style-type: none"><li>• 30 AWG</li></ul>

### Operating Conditions

Cable Characteristic Impedance	<ul style="list-style-type: none"><li>• 100 Ohm</li></ul>
Maximum Nominal Voltage	<ul style="list-style-type: none"><li>• 30 V DC</li></ul>
Current	<ul style="list-style-type: none"><li>• 0.5 A</li></ul>
Operating Temperature	<ul style="list-style-type: none"><li>• 0 to 70 °C</li></ul>

### Certificates

Standards	<ul style="list-style-type: none"><li>• SFF-8661</li><li>• SFF-8636</li><li>• EIA-364</li><li>• EIA-364-1000.01</li><li>• UL 94</li></ul>
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### Package Contents

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### Order Info

OFM-CB100Q28	Passive Copper 100G QSFP28 Direct Attach Cable, 1 m
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