

# 100G QSFP28 to QSFP28 Active Optical Cable



## Popular Compatibility Options

Vendor	Part Code
Wire	100G-AOC-xM-WR
Cisco	QSFP-100G-AOCxM
Juniper	JNP-QSFP28-AOC-xM
Arista	AOC-Q-Q-100G-xM
Brocade	QSFP28-100G-AOC-xxM
Dell	CBL-QSFP28-100GE-xM
Mellanox	MFA1A00-Cxxx
Extreme	100GB-Fxx-QSFP28
Huawei	QSFP-100G-AOCxM
Aruba	D-Link
Avaya	EMC
Alcatel-Lucent	Intel
<b>75+ other vendors available</b>	

## 100GBASE AOC Specifications

<b>Form Factor:</b>	QSFP28
<b>Data Rate:</b>	100G
<b>Compatible with:</b>	See Table
<b>Cable</b>	OM4
<b>Interface Type:</b>	QSFP28/QSFP28
<b>DDM/DOM:</b>	Yes
<b>Minimum Bend Radius</b>	6.9mm
<b>Power Supply:</b>	3.3V
<b>Temperature Range:</b>	0-70°C
<b>Jacket Material:</b>	LSZH
<b>Warranty:</b>	Lifetime - See Warranty Document

## Description

This is a multi-vendor compatible 100GBase QSFP28 to QSFP28 active optical cable that operates over multi-fibre OM4 cable with a maximum reach of 150m. It has been programmed, uniquely serialized, data-traffic and application tested to ensure it is 100% compliant and functional. It is guaranteed to be compatible with the OEM host switch, router or network interface card (NIC). This Active Optical Cable is built to comply with MSA (Multi-Source Agreement) standard. Digital Optical Monitoring (DOM) support is also present to allow access to real-time operating parameters. We stand behind the quality of our products and proudly offer a lifetime warranty.

## 100GBASE AOC Features

- Supports 99.34 to 102.78 Gb/s bit rates
- RoHS-6 compliant
- Built-in digital diagnostic function
- Compliant with OEM vendor multi-source agreement
- Allows high density connections

## Testing

**Compatibility Tested:** Each AOC is tested in an original host switch for recognition (Loop back test)

**100% Testing of all Transceivers:** No Batch Testing (1-10%)

## Available Lengths

**1m, 2m, 3m, 5m, 7m, 10m, 15m, 20m, 25m, 30m, 40m, 50m – Custom Lengths available**