

100G-BASE QSFP28 to QSFP28 Active Optical Cable

Features

- > Four channel, full-duplex assembly
- > Aggregate 100Gbps Data Rate
- > Operating data rate up to 25Gbps per channel
- > 850nm VSCEL transmitter array/PIN photo detector array
- > Power consumption <2.5W
- > Maximum length of 70m on OM3 and 100m on OM4 fibre
- > Single 3.3V Power Supply and TTL Logic Interface
- > Hot-pluggable QSFP28 footprint
- > DDM integrated – MSA compliant digital diagnostic interface
- > IEEE 802.3bm 100GBASE-SR4 and 40GBASE-SR4 compliant
- > Operating Case Temperature:
 - > Standard: 0°C~+70°C
- > RoHS-6 Compliant



Applications

- > 100G, 40G Ethernet
- > InfiniBand FDR/EDR
- > High speed interconnections
- > Datacentre ToR connections

Ordering Information

Advance Part Code	Description
NW-QF-100G-QF-AOC-XX	100G QSFP28 to QSFP28 SR4 Active Optical Cable
-XX	-XX = Length (01 = 1m, 10 = 10m etc) – For lengths longer than 70m please contact us

Compatibility Information

Vendor	Vendor Code	Description	Advance Code
Arista	AOC-Q-Q-100G-5M	100G Active Optical Cable, 5m	NWP-QF-100G-QF-AOC-05-S
Arista	AOC-Q-Q-100G-10M	100G Active Optical Cable, 10m	NWP-QF-100G-QF-AOC-10-S
Arista	AOC-Q-Q-100G-20M	100G Active Optical Cable, 20m	NWP-QF-100G-QF-AOC-20-S
Cisco	QSFP-100G-AOC5M	100G Active Optical Cable, 5m	NWP-QF-100G-QF-AOC-05-C
Cisco	QSFP-100G-AOC10M	100G Active Optical Cable, 10m	NWP-QF-100G-QF-AOC-10-C
Cisco	QSFP-100G-AOC20M	100G Active Optical Cable, 20m	NWP-QF-100G-QF-AOC-20-C
Dell	470-ABPI	100G Active Optical Cable, 7m	NWP-QF-100G-QF-AOC-07-F
Dell	470-ABPM	100G Active Optical Cable, 10m	NWP-QF-100G-QF-AOC-10-F
Juniper	JNP-100G-AOC-5M	100G Active Optical Cable, 5m	NWP-QF-100G-QF-AOC-05-J
Juniper	JNP-100G-AOC-10M	100G Active Optical Cable, 10m	NWP-QF-100G-QF-AOC-10-J
Juniper	JNP-100G-AOC-20M	100G Active Optical Cable, 20m	NWP-QF-100G-QF-AOC-20-J
Mellanox	MFA1A00-C005	100G Active Optical Cable, 5m	NWP-QF-100G-QF-AOC-05
Mellanox	MFA1A00-C010	100G Active Optical Cable, 10m	NWP-QF-100G-QF-AOC-10
Mellanox	MFA1A00-C020	100G Active Optical Cable, 20m	NWP-QF-100G-QF-AOC-20

*If you don't see your preferred vendor on the list above, please contact us. Other vendors are supported and available.