

100G-BASE QSFP28 to 4x SFP28 Active Optical Breakout Cable

Features

- > Four channel, full-duplex breakout assembly
- > 100G QSFP28 SFF-8436 compliant interface
- > 4x 25G SFP28 SFF-8431 compliant interface
- > 850nm VCSEL transmitter / PIN photo detector
- > Data rate up to 25.78Gbit/s per channel
- > Power consumption <2.5W (QSFP28)
- > Power consumption <1W (per SFP28)
- > Maximum length of 70m on OM3, 100m on OM4 fibre
- > Single 3.3V Power Supply and TTL Logic Interface
- > Hot-pluggable QSFP28 footprint
- > Hot-pluggable 4x SFP28 footprint
- > DDM integrated – MSA compliant digital diagnostic interface
- > Operating Case Temperature:
 - > Standard: 0°C~+70°C
- > RoHS-6 Compliant



Applications

- > 100G Ethernet
- > Fibre Channel
- > InfiniBand SDR, DDR and QDR
- > High speed interconnections
- > Datacentre ToR connections

Ordering Information

Advance Part Code	Description
NWP-QF-100G-S4-AOC-XX	Advance 100G QSFP28 to 4x SFP28 Breakout Active Optical Cable
-XX	-XX = Length (01 = 1m, 05 = 5m, 10 = 10m etc)

Compatibility Information

Vendor	Vendor Code	Description	Advance Code
Dell	470-ACIJ	100G QSFP28 to 4x SFP28 Breakout, 10m	NWP-QF-100G-S4-AOC-10-F
Dell	470-ACIH	100G QSFP28 to 4x SFP28 Breakout, 30m	NWP-QF-100G-S4-AOC-30-F
Juniper	JNP-100G-AOCB0-5M	100G QSFP28 to 4x SFP28 Breakout, 5m	NWP-QF-100G-S4-AOC-05-J
Juniper	JNP-100G-AOCB0-10M	100G QSFP28 to 4x SFP28 Breakout, 10m	NWP-QF-100G-S4-AOC-10-J
Mellanox	MFA7A50-C005	100G QSFP28 to 4x SFP28 Breakout, 5m	NWP-QF-100G-S4-AOC-05
Mellanox	MFA7A50-C010	100G QSFP28 to 4x SFP28 Breakout, 10m	NWP-QF-100G-S4-AOC-10
Mellanox	MFA7A50-C020	100G QSFP28 to 4x SFP28 Breakout, 30m	NWP-QF-100G-S4-AOC-30

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