## 40G-BASE QSFP+ to QSFP+ Active Optical Cable

### Features

> Four channel, full-duplex assembly
> Operating data rate up to 10.3Gbit/s per channel
> 850nm VSCEL transmitter array/PIN photo detector array
> Power consumption <1.5W
> Maximum length of 300m on OM3 and 400m on OM4 fibre
> Single 3.3V Power Supply and TTL Logic Interface
> Hot-pluggable QSFP+ footprint
> DDM integrated – MSA compliant digital diagnostic interface
> IEEE P802.3ba 40GBASE-SR4 compliant
> Operating Case Temperature:
> > Standard: 0°C~+70°C

### Applications

> 40G Ethernet, Fibre Channel and PCIe
> InfiniBand SDR, DDR and QDR
> High speed interconnections
> Datacentre ToR connections

### Ordering Information

| Advance Part Code | Description |
|---|---|
| NW-QF-40G-QF-AOC-XX | 40G QSFP+ to QSFP+ SR4 Active Optical Cable |
| -XX | -XX = Length (01 = 1m, 10 = 10m etc) – For lengths longer than 99m please contact us |

## Compatibility Information

| Vendor | Vendor Code | Description | Advance Code |
|---|---|---|---|
| Arista | AOC-Q-Q-40G-1M | 40G Active Optical Cable, 1m | NWP-QF-40G-QF-AOC-01-S |
| Arista | AOC-Q-Q-40G-3M | 40G Active Optical Cable, 3m | NWP-QF-40G-QF-AOC-03-S |
| Arista | AOC-Q-Q-40G-5M | 40G Active Optical Cable, 5m | NWP-QF-40G-QF-AOC-05-S |
| Arista | AOC-Q-Q-40G-7M | 40G Active Optical Cable, 7m | NWP-QF-40G-QF-AOC-07-S |
| Arista | AOC-Q-Q-40G-10M | 40G Active Optical Cable, 10m | NWP-QF-40G-QF-AOC-10-S |
| Arista | AOC-Q-Q-40G-20M | 40G Active Optical Cable, 20m | NWP-QF-40G-QF-AOC-20-S |
| Brocade | 40G-QSFP-QSFP-AOC-1001 | 40G Active Optical Cable, 10m | NWP-QF-40G-QF-AOC-10-R |
| Cisco | QSFP-H40G-AOC1M | 40G Active Optical Cable, 1m | NWP-QF-40G-QF-AOC-01-C |
| Cisco | QSFP-H40G-AOC2M | 40G Active Optical Cable, 2m | NWP-QF-40G-QF-AOC-02-C |
| Cisco | QSFP-H40G-AOC3M | 40G Active Optical Cable, 3m | NWP-QF-40G-QF-AOC-03-C |
| Cisco | QSFP-H40G-AOC5M | 40G Active Optical Cable, 5m | NWP-QF-40G-QF-AOC-05-C |
| Cisco | QSFP-H40G-AOC7M | 40G Active Optical Cable, 7m | NWP-QF-40G-QF-AOC-07-C |
| Cisco | QSFP-H40G-AOC10M | 40G Active Optical Cable, 10m | NWP-QF-40G-QF-AOC-10-C |
| Cisco | QSFP-H40G-AOC15M | 40G Active Optical Cable, 15m | NWP-QF-40G-QF-AOC-15-C |
| Juniper | JNP-40G-AOC-1M | 40G Active Optical Cable, 1m | NWP-QF-40G-QF-AOC-01-J |
| Juniper | JNP-40G-AOC-3M | 40G Active Optical Cable, 3m | NWP-QF-40G-QF-AOC-03-J |
| Juniper | JNP-40G-AOC-5M | 40G Active Optical Cable, 5m | NWP-QF-40G-QF-AOC-05-J |
| Juniper | JNP-40G-AOC-7M | 40G Active Optical Cable, 7m | NWP-QF-40G-QF-AOC-07-J |
| Juniper | JNP-40G-AOC-10M | 40G Active Optical Cable, 10m | NWP-QF-40G-QF-AOC-10-J |

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