

40Gb/s QSFP+ Direct Attached Cable (DAC)

Features

- > QSFP+ conforms to the Small Form Factor SFF-8436
- > 4-Channel Full-Duplex Active Copper Cable Transceiver
- > Multi-gigabit data rate support: 1Gb/s – 10Gb/s (per channel)
- > Maximum aggregate data rate: 40Gb/s (4 x 10Gb/s)
- > Copper link length up to 7m (passive limiting)
- > Copper link length up to 12m (active limiting)
- > High-Density QSFP 38-PIN Connector
- > Power Supply: +3.3V
- > I2C based two-wire serial EEPROM interface
- > Temperature Range: 0~ 70 °C
- > ROHS Compatible
- > IEEE 802.3ba
- > SFF-8436
- > InfiniBand
- > QSFP+ MSA



Active Features

- > Low power consumption: 0.02 W (typ.)

Applications

- > 10/40 Gigabit Ethernet
- > InfiniBand 4x SDR, DDR, QDR
- > 2, 4, 8, 10 Gigabit Fibre Channel
- > Fibre Channel over Ethernet

Ordering Information

Advance Part Code	Description
NWP-40G-DATAC-0-5	0.5mtr 40G QSFP+ DAC
NWP-40G-DATAC-01	1mtr 40G QSFP+ DAC
NWP-40G-DATAC-02	2mtr 40G QSFP+ DAC
NWP-40G-DATAC-03	3mtr 40G QSFP+ DAC
NWP-40G-DATAC-05	5mtr 40G QSFP+ DAC
NWP-40G-DATAC-10	10mtr 40G QSFP+ DAC
NWP-40G-DATAC-12	12mtr 40G QSFP+ DAC

*Bespoke lengths available

Compatibility Information

Vendor	Vendor Code	Description	Advance Code
Brocade	40G-QSFP-C-0101	40G DAC Cable, 1m	NWP-40G-DATAC-01-R
Brocade	40G-QSFP-QSFP-C-0101	40G DAC Cable, 1m	NWP-40G-DATAC-01-R
Brocade	40G-QSFP-QSFP-C-0301	40G DAC Cable, 3m	NWP-40G-DATAC-03-R
Brocade	40G-QSFP-QSFP-C-0501	40G DAC Cable, 5m	NWP-40G-DATAC-05-R
Cisco	QSFP-H40G-CU1M	40G DAC Cable, 1m	NWP-40G-DATAC-01-C
Cisco	QSFP-H40G-CU3M	40G DAC Cable, 3m	NWP-40G-DATAC-03-C
Cisco	QSFP-H40G-CU5M	40G DAC Cable, 5m	NWP-40G-DATAC-05-C
Cisco	QSFP-H40G-ACU7M	40G DAC Cable, 7m	NWP-40G-DATAC-07-C
Cisco	QSFP-H40G-ACU10M	40G DAC Cable, 10m	NWP-40G-DATAC-10-C
Dell	470-AAWN	40G DAC Cable, 3m	NWP-40G-DATAC-03-F
Extreme	40GB-C01-QSFP	40G DAC Cable, 1m	NWP-40G-DATAC-01-E
Extreme	40GB-C03-QSFP	40G DAC Cable, 3m	NWP-40G-DATAC-03-E
Extreme	40GB-C0.5-QSFP	40G DAC Cable, 0.5m	NWP-40G-DATAC-0-5-E
Extreme	40GB-C07-QSFP	40G DAC Cable, 7m	NWP-40G-DATAC-07-E
Juniper	QFX-QSFP-DAC-1M	40G DAC Cable, 1m	NWP-40G-DATAC-01-J
Juniper	QFX-QSFP-DAC-3M	40G DAC Cable, 3m	NWP-40G-DATAC-03-J
Juniper	JNP-QSFP-DAC-5M	40G DAC Cable, 5m	NWP-40G-DATAC-05-J
Juniper	JNP-QSFP-DAC-5MA	40G DAC Cable, 5m	NWP-40G-DATAC-05-J
Juniper	JNP-QSFP-DAC-7MA	40G DAC Cable, 7m	NWP-40G-DATAC-07-J
Juniper	JNP-QSFP-DAC-10MA	40G DAC Cable, 10m	NWP-40G-DATAC-10-J

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