



40G QSFP Transceivers

AFL 40G QSFP transceivers and direct attached cables are four channel devices capable of data rates up to 40 Gbps using 4 x 10 Gbps parallel laneways in both directions. AFL QSFPs are available in multi-mode (MTP/MPO) and singlemode (duplex LC) versions and are ideally suited to high performance networking

Features

- Data rates up to 40 Gbps
- Up to 100 m OM3, 150 m OM4 & 40 km SM transmission distance
- Operating case temperature 0°C to +70°C
- Digital Diagnostic Monitoring

Applications

- 40G Interconnect
- Infiniband QDR & DDR
- LAN & Telecom Backplane Interconnect

Specifications

PART NUMBER	OUTPUT POWER (DBM)		RECEIVE SENSITIVITY (DBM)	LINK BUDGET (DBM)	RECEIVE OVERLOAD (DBM)
	Min	Max			
QSFP-SR4-40GE-0.15-C-D	-7.6	2.4	-5.4	2.2	2.4
QSFP-LR4-40GE-10-C-D	-7	2.3	-11.5	4.5	2.3
QSFP-LR4-40GE-40-C-D	-4	2.3	-11.5	7.5	2.3

Ordering Information - QSFP Transceivers

PART NUMBER	DESCRIPTION
QSFP-SR4-40GE-0.15-C-D	QSFP 40GBase-SR4, 40 GE, 150 m OM3, 0°C -70°C, DDM
QSFP-LR4-40GE-10-C-D	QSFP 40GBase-LR4, 40 GE, 10 km, -10°C -70°C, DDM
QSFP-LR4-40GE-40-C-D	QSFP 40GBase-LR4, 40 GE, 40 km, -10°C -70°C, DDM
QSFP-LB	QSFP Electrical Loopback

Contact AFL for vendor specific coded transceivers

Ordering Information - QSFP Direct Attach Cables

PART NUMBER	DESCRIPTION
AOC-QSFP-3-40GE-xxxM	QSFP Active Optical Cable, 40 GE, OM3, 0°C -70°C xxxM (MAX 100 m)
AOCH-QSFP-3-40GE-xxxM	QSFP-SFP+ Hybrid Active Optical Cable, 40 GE, OM3, 0°C -70°C xxxM (MAX 100 m)
PC-QSFP-40GE-xxM	QSFP TWINAX CABLE, 40 GE -40°C - 85°C xxM (MAX 7 m)
PCH-QSFP-40GE-xxM	QSFP-SFP+ HYBRID TWINAX CABLE, 40 GE -40°C - 85°C xxM (MAX 3 m)

Associated Products

- AFL SFP/SFP+ Transceivers
- AFL CWDM/DWDM Transceivers
- AFL MTP Cabling Solution