

## 100G QSFP28 Transceiver



AFL QSFP28 transceivers and AOCs (Active Optical Cable) are four channel devices capable of data rates up to 100 Gbps using 4 x 25 Gbps parallel laneways in both directions. AFL QSFP28s 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 100 Gbps
- Up to 70 m OM3, 100 m OM4 & 40 km SM transmission distance
- Operating case temperature -5°C to +75°C
- Digital Diagnostic Monitoring

### Applications

- 100G Interconnect between switches and routers
- LAN & Telecom Backplane Interconnect

### Specifications

PART NUMBER	OUTPUT POWER PER LANE (DBM)		RECEIVE SENSITIVITY PER LANE (DBM)	LINK BUDGET (DBM)	RECEIVE OVERLOAD (DBM)
	Min	Max			
QSFP-SR4-100GE-0.1-C-D	-6	2.4	-10.3	4.3	2.4
QSFP-LR4-100GE-10-C-D	-4.3	4.5	-10.6	6.3	4.5
QSFP-LR4-100GE-20-C-D	-2.5	4.5	-10.6	8.1	4.5

### Ordering Information - QSFP28 Transceivers

PART NUMBER	DESCRIPTION
QSFP-SR4-100GE-0.1-C-D	QSFP28 100GBase-SR4, 100 GE, 100 m OM4, -5°C to +75°C, DDM
QSFP-LR4-100GE-10-C-D	QSFP28 100GBase-LR4, 100 GE, 10 km, -5°C to +75°C, DDM
QSFP-LR4-100GE-20-C-D	QSFP28 100GBase-LR4, 100 GE, 20 km, -5°C to +75°C, DDM

Contact AFL for vendor specific coded transceivers

Industrial Temperature Rated (-40°C to +85°C) available.

### Ordering Information - QSFP28 Active Optical Cable

PART NUMBER	DESCRIPTION
AOC-QSFP-3-100GE-xxM	QSFP28 Active Optical Cable, 100 GE, OM3, -5°C to +75°C xxM (MAX 70 m)

### Associated Products

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