



FIBRE OPTIC ACTIVE EQUIPMENT

OPTICAL TRANSCEIVER

QSFP-SFP

PRODUCT SPECIFICATIONS

Linxcom QSFP+ to SFP+ Adaptor offers a 10G Ethernet Connectivity for Quad Small Form-Factor Pluggable (QSFP) - only platforms.

QSA Modules convert a QSFP port into an SFP+ Port. With this adaptor, customers have the flexibility to use any SFP+ modules or cables to connect to a lower speed port.

APPLICATIONS

- Data Server/ Router/ Switches
- Data Centre Networking

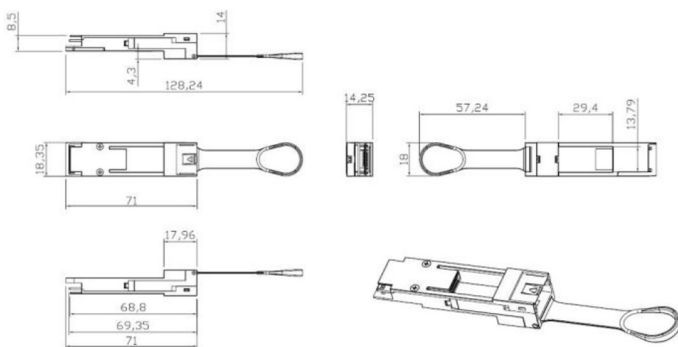


FEATURES

- Secure Latch Mechanism
- Low Insertion Loss
- Supports all SFP+ modules

BENEFITS

- Precision Control for Pair-to-Pair
- No Special Tools Required
- Trouble Free Installation



TECHNICAL SPECIFICATIONS

Supply Voltage	3.3V
Data Range	2.5~40Gbps
Average Output Power	Depending on Configuration
Extinction Ratio	Depending on Configuration
TX Disable	Depending on Configuration
TX Enable	Depending on Configuration
TX Fault	Depending on Configuration
TX Normal	Depending on Configuration
LOS De-Assert	Depending on Configuration
LOS Assert	Depending on Configuration
Data Output Differential	Depending on Configuration

ENVIRONMENTAL SPECIFICATIONS

Operation (°C)	-20~+85
Installation (°C)	-20~+85

ORDERING INFORMATION

Part Number	Description
LXMQSFPSP	Linxcom QSFP to SFP Module



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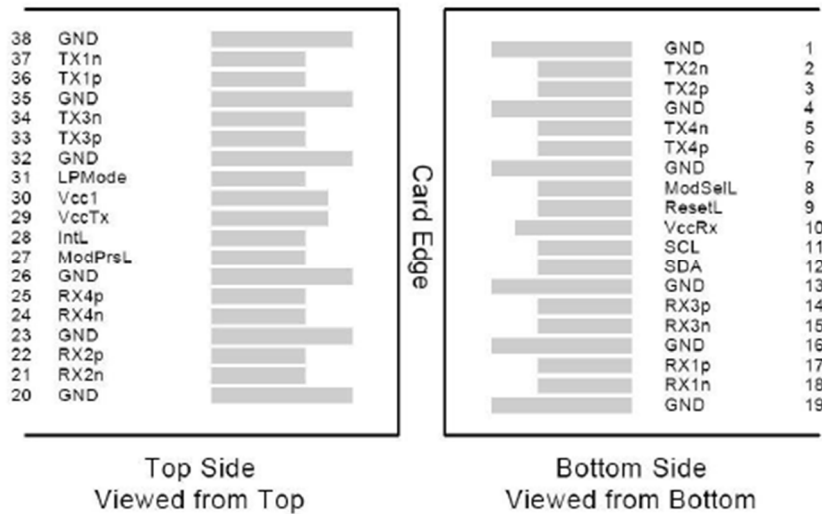
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SFP+ TRANSCEIVER MODULES

PN	Product Description
SFP-10G-SR	10GBASE-SR SFP+ Module for Multimode Fibre
SFP-10G-LR	10GBASE-LR SFP+ Module for Single-Mode Fibre
SFP-10G-ER	10GBASE-ER SFP+ Module for Single-Mode Fibre
SFP-10G-ZR	DWDM SFP+ Modules for Single-Mode Fibre
10G SFP+ Copper Cables	SFP+ Copper Cables (1-m to 10-m lengths)
10G SFP+ Active Optical Cables	SFP+ Active Optical Cables (1-m to 10-m lengths)

MSA Compliant Connector





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PIN DESCRIPTIONS

PIN	Logic	Symbol	Name/ Description
1		GND	Module Ground
2	CML \bar{I}	Tx2 \bar{I}	Transmitter inverted data input
3	CML \bar{I}	Tx2+	Transmitter non \bar{I} inverted data input
4		GND	Module Ground
5	CML \bar{I}	Tx4 \bar{I}	Transmitter inverted data input
6	CML \bar{I}	Tx4+	Transmitter non \bar{I} inverted data input
7		GND	Module Ground
8	LVTTL \bar{I}	MODSEIL	Module Select
9	LVTTL \bar{I}	ResetL	Module Reset
10		VCCRx	+3.3v Receiver Power Supply
11	LVC MOS \bar{I}	SCL	2 \bar{I} wire Serial interface clock
12	LVC MOS \bar{I}/O	SDA	2 \bar{I} wire Serial interface data
13		GND	Module Ground
14	CML \bar{O}	RX3+	Receiver non \bar{I} inverted data output
15	CML \bar{O}	RX3 \bar{I}	Receiver inverted data output
16		GND	Module Ground
17	CML \bar{O}	RX1+	Receiver non \bar{I} inverted data output
18	CML \bar{O}	RX1 \bar{I}	Receiver inverted data output
19		GND	Module Ground
20		GND	Module Ground
21	CML \bar{O}	RX2 \bar{I}	Receiver inverted data output
22	CML \bar{O}	RX2+	Receiver non \bar{I} inverted data output
23		GND	Module Ground
24	CML \bar{O}	RX4 \bar{I}	Receiver inverted data output
25	CML \bar{O}	RX4+	Receiver non \bar{I} inverted data output
26		GND	Module Ground
27	LVTTL \bar{O}	ModPrsL	Module Present, internal pulled down to GND
28	LVTTL \bar{O}	IntL	Interrupt output, should be pulled up on host board
29		VCCTx	+3.3v Transmitter Power Supply
30		VCC1	+3.3v Power Supply
31	LVTTL \bar{I}	LPMODE	Low Power Mode
32		GND	Module Ground
33	CML \bar{I}	Tx3+	Transmitter non \bar{I} inverted data input
34	CML \bar{I}	Tx3 \bar{I}	Transmitter inverted data input
35		GND	Module Ground
36	CML \bar{I}	Tx1+	Transmitter non \bar{I} inverted data input
37	CML \bar{I}	Tx1-	Transmitter inverted data input
38		GND	Module Ground