



Fibre Optic Active

SFP Transceiver – Optical



Product Description

Briticom® Small Form-Factor Pluggable (SFP) Fibre Optic Transceivers are used to interface networking devices to fibre or copper networking cables in telecom and data applications.

Features & Benefits

- Support 155Mbps to 2.488Gbps multi-rate data links
- 850nm VCSEL laser and PIN photo detector
- Compliant with SFP MSA and SFF-8472 with duplex LC receptacle
- Digital Diagnostic Monitoring: Internal Calibration or External Calibration
- 300m transmission with 50/125µm MMF
- Compatible with RoHS
- +3.3V single power supply
- Suitable for:
 - 2X Fibre Channel
 - Switch to Switch interface
 - Switched backplane applications
 - Router/Server interface
 - Other optical transmission systems

Technical Specifications

Supply Voltage	Vcc -0.5 ~ 4.5 V
Data Rate	155Mbps ~ 2.488Gbps
Average Output Power	-10 Min ~ -3 Max dBm
Extinction Ratio	ER 9 dB
TX Disable	Vd 2.0 Vcc V
TX Enable	Ven 0 ~ 0.8V
TX Fault	Vlf 2.0 VccHOST V
TX Normal	Vin 0 ~ +0.8 V
LOS De-Assert	LOSD -20dBm
LOS Assert	LOSA -30dBm
LOS Hysteresis	1 ~ 4 dB
Data Output Swing Differential	Vout 370 ~ 1800 mV
Temperature	-20°C ~ +85°C

To Order

To place an order, use the contact details below.





Ordering Information

Use combinations of **bold** letters and numbers to create part numbers for ordering.

Product		Type		Coding Type*	
SFP	SFP	RJ	RJ45	CIS	Cisco
XFP	XFP	SM	Single-mode	HP	HP
QSFP	QSFP	MM	Multimode	JP	Juniper
SFPS	SFP+	BIDI	Bi-Directional	EX	Extreme
		WDM	WDM		Leave empty if no coding
		DDMI	DDMI		
		DWDM	DWDM		
		CWDM	CWDM		
▲		▲		▲	
SFP	G1	SM	10	JP	
	▼		▼		
100M	ET	500m	500		
1GB	G1	2km	2		
2GB	G2	10km	10		
5GB	G5	20km	20		
6GB	G6	40km	40		
10GB	GX	80km	80		
		120km	120		
Speed		Distance			

*Leave column blank if no coding

Example Part Number	
Description	Part Number
SFP Transceiver Module 1.25GBPS SM 20km	SFPG1SM10JP

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