



Fibre Optic Active

SFP Transceiver - XFP BIDI 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

- Supports 9.95Gb/s to 11.3Gb/s bit rates
- 1330nm DFB Laser and PIN photo detector
- 1270nm DFB Laser and PIN photo detector
- Up to 10km transmission on SMF
- Power dissipation <2W
- Single Power Supply: 3.3V
- No Reference Clock Required
- Compatible with RoHS
- Built-in Digital Diagnostic Functions
- Suitable for:
 - 10GBASE-LR/LW 10G Ethernet
 - SONET OC-192 SR-1
 - SDH STM I-64.1
 - 1200-SM-LL-L 10G Fibre Channel
 - 10GBASE-LR/LW with FEC
 - 1200-SM-LL-L 10G Fibre Channel with FEC

Technical Specifications

Supply Voltage	Vcc 0 ~ 3.6 V
Data Rate	9.95 ~ 11.3 Gbps
Average Output Power	-8 Min ~ 0.5 Max dBm
Extinction Ratio	ER 3.5 dB
TX Disable	Vd 2.0Vcc V
TX Enable	Ven 0 ~ 0.8V
TX Fault	Vlf 2.0 Vcc HOST V
TX Normal	Vin 0 ~ 0+0.8 V
LOS De-Assert	LOSD -16dBm
LOS Assert	LOSA -20dBm
LOS Hysteresis	0.5 ~ 4.5 dB
Data Output Swing Differential	Vout 340 ~ 850 mV
Temperature	-10°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		
▲		▲		▲	
XFP	GX	BIDI	10	CIS	
	▼		▼		
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
XFP Module Transceiver 10GB SM 40KM BIDI	XFPGBIDI10CIS

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