

Gigabit Ethernet SFPトランシーバモジュール

ギガビットネットワークに最適な 高性能SFPトランシーバ


EnGeniusのSFP (Small Form-Factor Pluggable) トランシーバは、業界標準に準拠したホットスワップ対応モジュールで、SFPポートまたはスロットに挿入してネットワークに接続します。標準のLCデュプレックスコネクタを搭載した小型光通信モジュールで、SFI電気仕様に準拠して設計されています。





主な特長:

- ホットスワップ対応 LCデュプレックスコネクタ
- IEEE 802.3z 準拠
- 業界標準への適合
- 低消費電力設計
- クラス1レーザー製品 (IEC 825 国際安全規格準拠)
- RoHS準拠

Technical Specifications

1G SFPシリーズ		
		
Model Number	SFP2185-05A	SFP2213-10A
Connector Type	LC	LC
Data Rate	1.25Gbps	1.25Gbps
Wavelength	850nm	1310nm
Fiber Type	MMF	SMF
Max Transmission Distance	0.5km	10km
Transmitter Characteristics		
Supply Voltage	3.15 ~ 3.45V	3.15 ~ 3.45V
Supply Current	160mA	160mA
Output Optical Power	-10 ~ -3dBm	-9 ~ -2dBm
Receiver Characteristics		
Supply Voltage	3.15 ~ 3.45V	3.15 ~ 3.45V
Supply Current	100mA	100mA
Maximum Receiver Power	-3dBm	-3dBm
Optical Receiver Sensitivity	-18dBm	-20dBm
Physical Specifications		
Dimensions (WxDxH)	13.72 × 56.64 × 12.43mm	
Weight	25g	
Environmental Limits		
Operating Temperature	0°C ~ 70°C (32°F ~ 158°F)	
Storage Temperature	-40°C ~ 85°C (-40°F ~ 185°F)	

Technical Specifications

1G SFP Bi-Diシリーズ		
		
Model Number	SFP2313-20A	SFP2314-20A
Connector Type	LC	LC
Data Rate	1.25Gbps	1.25Gbps
Wavelength	Tx: 1310nm Rx: 1550nm	Tx: 1490nm Rx: 1310nm
Fiber Type	SMF	SMF
Max Transmission Distance	20km	20km
Transmitter Characteristics		
Supply Voltage	3.15 ~ 3.45V	3.15 ~ 3.45V
Supply Current	160mA	160mA
Output Optical Power	-8 ~ -2dBm	-8 ~ -2dBm
Receiver Characteristics		
Supply Voltage	3.15 ~ 3.45V	3.15 ~ 3.45V
Supply Current	100mA	100mA
Maximum Receiver Power	-3dBm	-3dBm
Optical Receiver Sensitivity	-23dBm	-23dBm
Physical Specifications		
Dimensions (WxDxH)	13.72 × 56.64 × 12.43mm	
Weight	25g	
Environmental Limits		
Operating Temperature	0°C ~ 70°C (32°F ~ 158°F)	
Storage Temperature	-40°C ~ 85°C (-40°F ~ 185°F)	

Technical Specifications

1G SFP光-電気信号変換モジュール



Model Number	SFP2500
Connector Type	RJ-45
Data Rate	1.25Gbps
Max Transmission Distance	100m
Supply Maximum Current	375mA
Input Voltage	3.13 ~ 3.47V
Dimensions (WxDxH)	12 x 68 x 14mm
Weight	24.5g
Environmental Limits	
Operating Temperature	-20° ~ 75° (-4°F ~ 167°F)
Storage Temperature	-40°C ~ 85°C (-40°F ~ 185°F)

オーダー情報

Product No.	Product Description
10G SFP+ Transceiver	
SFP3185-03A	10G BASE-SX SFP+ Transceiver, 850nm; 0.3km (Made in China)
SFP3213-10A	10G BASE-LX SFP+ Transceiver, 1310nm; 10km (Made in China)
SFP3312-20A	10G BASE-LX SFP+ Bi-Di Transceiver, Tx:1270nm / Rx:1330nm; 20km (Made in China)
SFP3313-20A	10G BASE-LX SFP+ Bi-Di Transceiver, Tx:1330nm / Rx:1270nm; 20km (Made in China)
SFP3500	10G BASE, Fiber to copper, 30M
10G DAC Cable	
DAC1130-01	10G Direct Attach Copper Cable, passive, 1 meter
1G SFP Transceiver	
SFP2185-05A	1000BASE-SX SFP Transceiver, 850nm; 0.5km (Made in China)
SFP2213-10A	1000BASE-LX SFP Transceiver, 1310nm; 10km (Made in China)
SFP2313-20A	1000BASE-LX SFP Bi-Di Transceiver, Tx:1310nm / Rx:1550nm; 20km (Made in China)
SFP2314-20A	1000BASE-LX SFP Bi-Di Transceiver, Tx:1490nm / Rx:1310nm; 20km (Made in China)
SFP2500	1000BASE, Fiber to Copper

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