

A7846858 | CSFP+ and SFP+ Kit with Optical Attenuators



Compact SFP+ and SFP+-Kit, 10G BASE, Singlemode, up to 20 km, TAA compliant

- Up to 10.3125Gb/s data links
- Duplex LC connector
- Hot-pluggable SFP footprint
- Uncooled DFB laser transmitter
- RoHS compliant and Lead Free
- Up to 20Km on 9/125um SMF
- Metal enclosure for lower EMI
- Single +3.3V power supply
- Compliant with CSFP MSA 2.0 (Option 2)
- Commercial and industrial operating temperature optional
- Trade Agreements Act (TAA) compliant

One CSFP+ and two SFP+ plus two optical attenuators in one package. 10G BASE singlemode with up to 20 km

Product Classification

Product Type	Optical module
Product Series	CSFP SFP+

General Specifications

Interface	LC/UPC
Note	Detailed Product Specifications are available. Please contact your local ANDREW representative.

Optical Specifications

Fiber Type	9/125 μ m, singlemode
Average Optical Output Power, maximum	3 dBm
Average Optical Output Power, minimum	-2 dBm
Operating Wavelength	1270 nm (Rx) 1270 nm (Tx) 1330 nm (Rx) 1330 nm (Tx)
Receiver Sensitivity, maximum	-13 dBm
Receiver Overload	+ 0.5 dBm

Environmental Specifications

Operating Temperature	0 °C to +70 °C (+32 °F to +158 °F)
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Packaging and Weights

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A7846858 | CSFP+ and SFP+ Kit with Optical Attenuators

Width, packed	120 mm 4.724 in
Depth, packed	250 mm 9.843 in
Packaging quantity	1
Packaging Type	Bag
Weight, gross	0.12 kg 0.265 lb
Weight, net	0.1 kg 0.22 lb

Included Products

A7843666	- Fiber Optic Power Reducing Build Out Attenuator, singlemode LC/UPC, 3dB
A7845627	- Small form factor pluggable+ BiDi Module, 10G BASE, CWDM, Singlemode, TAA compliant, up to 20 km
SFP+, 10GBase BiDi 1270nmTx /1330nmRx, up to 20 km	- Compact SFP+, 10G BASE, Singlemode, up to 20 km, TAA compliant
A7845629	- CSFP+, BiDi, TAA



Fiber Optic Power Reducing Build Out Attenuator, singlemode LC/UPC, 3dB

- Designed to reduce or balance the power in passive optical networks
- Insertable between the connector and the adapter and therefore suited for distribution frames, cabinets and boxes
- High system flexibility because of wave-length independency and polarization insensitivity

Product Classification

Regional Availability North America

Product Type Fiber attenuator

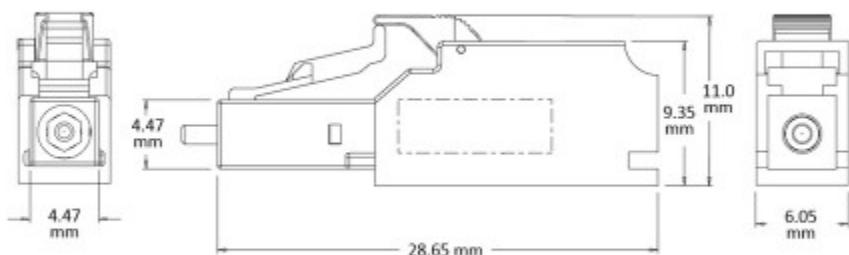
Product Series FOA

General Specifications

Input Connector Interface LC

Output Connector Interface LC

Outline Drawing



Optical Specifications

Fiber Mode Singlemode

Attenuation, nominal 3 dB

Operating Wavelength 1430 – 1625 nm

A7843666

Optical Components Standard	GR-910
Optical Power, maximum	250 mW
Return Loss, minimum	40 dB

Environmental Specifications

Operating Temperature	-40 °C to +75 °C (-40 °F to +167 °F)
Storage Temperature	-40 °C to +80 °C (-40 °F to +176 °F)

A7845627 | SFP+, 10GBase BiDi 1270nmTx /1330nmRx, up to 20 km



Small form factor pluggable+ BiDi Module, 10G BASE, CWDM, Singlemode, TAA compliant, up to 20 km

- Single LC connector
- Hot-pluggable SFP footprint
- Uncooled DFB laser transmitter
- RoHS compliant and Lead Free
- Up to 20Km on 9/125um SMF
- Metal enclosure for lower EMI
- Commercial and industrial operating temperature optional
- Trade Agreements Act (TAA) compliant

Product Classification

Product Type Optical module

Product Series BiDi SFP

General Specifications

Interface LC/UPC

Note Detailed Product Specifications are available. Please contact your local ANDREW representative.

Dimensions

Height 12 mm | 0.472 in

Width 13.9 mm | 0.547 in

Depth 56.5 mm | 2.224 in

Optical Specifications

Fiber Type 9/125 μ m, singlemode

Average Optical Output Power, maximum 3 dBm

Average Optical Output Power, minimum -2 dBm

Rx/Tx Power Accuracy \pm 3dB / \pm 3dB

Operating Wavelength 1270 nm (Tx) | 1330 nm (Rx)

Receiver Sensitivity, maximum -13 dBm

Receiver Overload + 0.5 dBm

A7845627 | SFP+, 10GBase BiDi 1270nmTx /1330nmRx, up to 20 km

Environmental Specifications

Operating Temperature 0 °C to +70 °C (+32 °F to +158 °F)

Packaging and Weights

Height, packed	20 mm 0.787 in
Width, packed	105 mm 4.134 in
Depth, packed	65 mm 2.559 in
Packaging quantity	1
Packaging Type	Box
Weight, gross	0.036 kg 0.079 lb
Weight, net	0.022 kg 0.049 lb



Compact SFP+, 10G BASE, Singlemode, up to 20 km, TAA compliant

- Two Bi-Directional transceivers in one SFP package
- Up to 10.3125Gb/s data links
- Duplex LC connector
- Hot-pluggable SFP footprint
- Uncooled DFB laser transmitter
- RoHS compliant and Lead Free
- Up to 20Km on 9/125um SMF
- Metal enclosure for lower EMI
- Single +3.3V power supply
- Compliant with CSFP MSA 2.0 (Option 2)
- Commercial and industrial operating temperature optional
- Trade Agreements Act (TAA) compliant

Two Bi-Directional transceivers in one SFP package

Product Classification

Product Type Optical module

Product Series CSFP

General Specifications

Interface LC/UPC

Note Detailed Product Specifications are available. Please contact your local ANDREW representative.

Dimensions

Height 12 mm | 0.472 in

Width 13.9 mm | 0.547 in

Depth 56.5 mm | 2.224 in

Optical Specifications

Fiber Type 9/125 μ m, singlemode

Average Optical Output Power, maximum 3 dBm

Average Optical Output Power, minimum -2 dBm

Rx/Tx Power Accuracy \pm 3dB / \pm 3dB

Operating Wavelength 1270 nm (Rx) | 1270 nm (Tx) | 1330 nm (Rx) | 1330 nm (Tx)

Receiver Sensitivity, maximum -13 dBm

Receiver Overload + 0.5 dBm

Environmental Specifications

Operating Temperature 0 °C to +70 °C (+32 °F to +158 °F)

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