

# FOC-2x10G-SFPP

## 10GBASE-R FIBER OPTICS 10G SFP+ TO 10G SFP+ STANDALONE MEDIA CONVERTER

**SUPPORT  
10 GIGABIT FIBER  
TO FIBER  
FULL DUPLEX  
CONVERSION**

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**COMPLY WITH  
IEEE 802.3AE  
10GBASE-R**

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**SUPPORT 3R**  
(Re-amplifying,  
Re-shaping, Re-timing)  
optical signal  
regeneration

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**DIN-RAIL**  
(optional)

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### Description

CXR **FOC-2X10G-SFPP** stands out as a two-port pluggable 10 Gigabit fiber-to-fiber media converter for a number of dissimilar 10 Gigabit fiber devices. **FOC-2X10G-SFPP** supports the media conversion at 10 Gigabit over link distance up to 300 meters with 10GBASE-SR multi-mode fiber or 10GBASE-LR single-mode fiber standards. To Deploy the bidirectional media converter, **FOC-2X10G-SFPP** is required to individually connect 10Gbase-SR multi-mode device or 10Gbase-LR single-mode device, or in pairs at each end of long-distance fiber links.

**FOC-2X10G-SFPP** supports SFP+ to SFP+ fiber connection. The data transfer is protocol transparent and done by 3R (Re-amplifying, Re-shaping, Re-timing) regeneration between the different fiber optics devices. With the forwarding capacity at the full wire speed, **FOC-2X10G-SFPP** is the most optimized and simplest solution for dispersed network that media conversion is required between multi-mode fiber segments separated due to geographical limit.

### Features

- Support 10 Gigabit Fiber to Fiber full duplex conversion
- Comply with IEEE 802.3ae 10GBASE-R
- LED Indicators for link and power status
- Support 3R (Re-amplifying, Re-shaping, Re-timing) optical signal regeneration
- Fully Compatible with CXR-RACK-MEDIA-16 Series

### Target Applications

- Point-to-point fiber connection and deployment for long distance which requires reliable and stable link over 10Gigabit devices

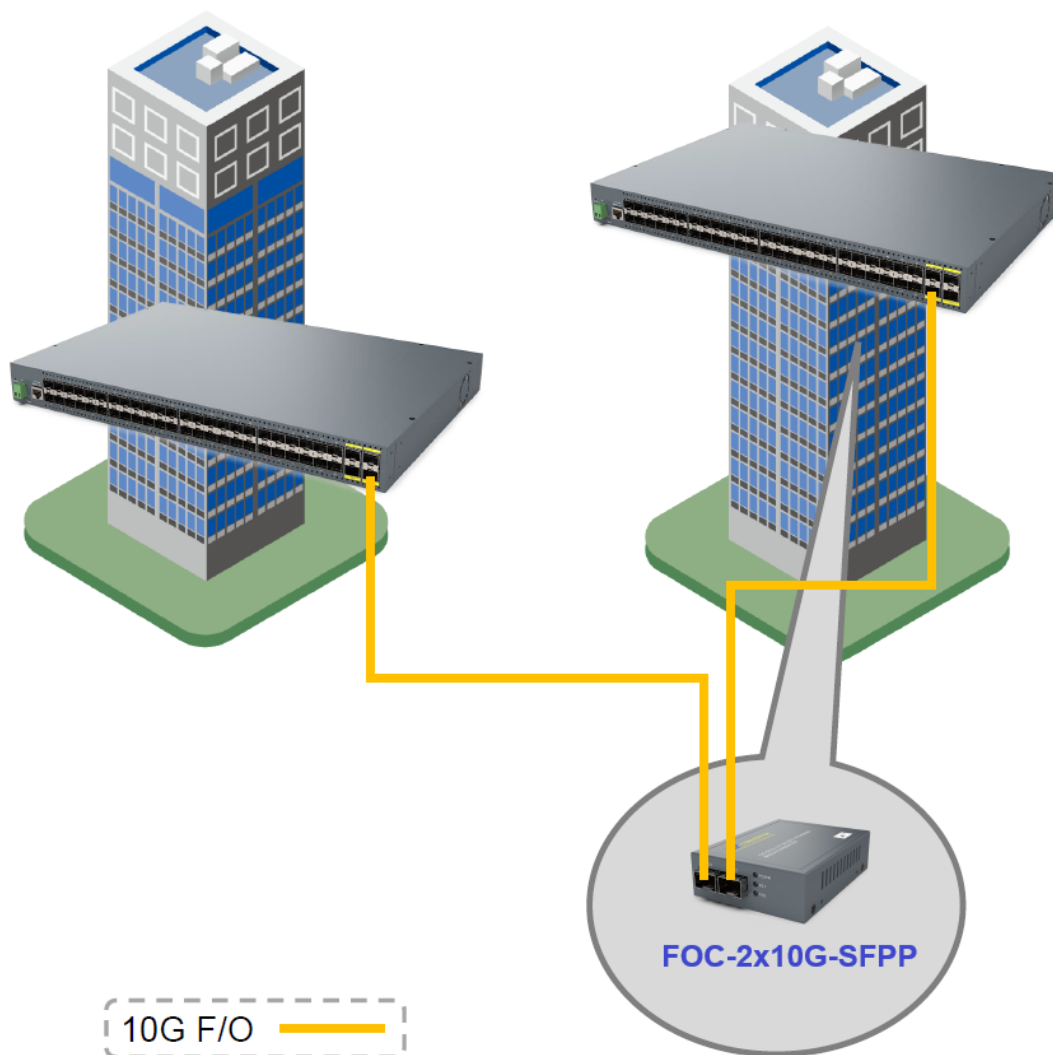
## Specifications

<b>Interface</b>	2 * 10GBase-R SFP+ Slot
<b>Ring Standards</b>	IEEE 802.3ae 10Gb/s Ethernet Comply with SFF-8431
<b>H/W Specification</b>	Jumbo Frame: 9K Bytes
<b>Forward/Filter Rate</b>	10G: 14.880.000/14.880.000pps
<b>LED</b>	Power, F/O1, F/O2
<b>Power Requirement</b>	Power Input (main body): DC 5V Power Adapter (including in package): Input AC 100~240V, 50/60Hz Output: DC 5V, 2A Max. Power Consumption: 5W (17 BTU/h)
<b>Environmental Condition</b>	Operating: 0°C~50°C Storage: -20°C~60°C Humidity: 5%~90% RH, Non-condensing
<b>Dimensions</b>	Size: 71*94*26mm (W*D*H) Weight: 240g
<b>EMC/Safety</b>	FCC Class A, CE, ESD Air Discharge: ±8kV Contact Discharge: ±4kV EFT AC Input: ±1kV Surge Protection: ±1kV

## Ordering Informations

Reference	Description
<b>FOC-2x10G-SFPP</b>	10GE Media converter, 10Base-R, with 2x SFP+ slots, w/o SFP+ modules. With external mains power converter
<b>DIN-FOC</b>	Kit DIN for FOC , FOCP or FOCL, CopperLAN-Bis-E, CIP-2E1T1-xVx

# Application Diagramm



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