



OFM431XT

10GBase-SR Multi-Mode SFP+ transceiver (up to 300 m)



OFM431XT is a unidirectional SFP+ transceiver with 1x10GBase-SR port for multi-mode fiber optic cable (up to 300 m).

The OFM431XT is equipped with a standard duplex LC connector and is designed to work with 50/125 um multi-mode fiber. The transceiver provides data transmission at speeds up to 10 Gbps at a distance of up to 300 m. Operating wavelength is 850 nm.

The OFM431XT complies with SFP+ MSA specifications and is hot-pluggable.

Key Features

- Enhanced Small Form-factor Pluggable (SFP+)
- 1x10GBase-SR port
- Duplex LC connector
- Fiber type: multi-mode 50/125 um
- Maximum fiber cable length up to 300 m
- Operating wavelength 850 nm
- Hot-pluggable



Specifications

Hardware

Transceiver Type	<ul style="list-style-type: none">• SFP+
Interfaces	<ul style="list-style-type: none">• 1x10GBase-SR port
Connector	<ul style="list-style-type: none">• Duplex LC
Uni-/Bi-directional	<ul style="list-style-type: none">• Uni-directional
Data Rate	<ul style="list-style-type: none">• 10 Gbps
Maximum Fiber Cable Length	<ul style="list-style-type: none">• 300 m
Fiber Type	<ul style="list-style-type: none">• 50/125 um Multi-mode Fiber
Wavelength	<ul style="list-style-type: none">• 850 nm
Transmit Power Range	<ul style="list-style-type: none">• 0 to -6 dBm
Receive Power Range	<ul style="list-style-type: none">• 0.5 to -11.1 dBm
Sensitivity	<ul style="list-style-type: none">• -11.1 dBm
Standard	<ul style="list-style-type: none">• IEEE 802.3ae 10GBase-SR
Supported Features	<ul style="list-style-type: none">• Hot swap• MSA compliant• RoHS compliant

Physical Parameters

Dimensions (L x W x H)	<ul style="list-style-type: none">• 47.5 x 13.7 x 8.5 mm
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Operating Conditions

Power Support	<ul style="list-style-type: none">• 3.3 V
Supply Current	<ul style="list-style-type: none">• 300 mA
Temperature	<ul style="list-style-type: none">• Operating: 0 to 70 °C• Storage: -40 to 85 °C
Humidity	<ul style="list-style-type: none">• Operating: 0% to 85%• Storage: 0% to 85%

Package Contents

Package Contents	<ul style="list-style-type: none">• OFM431XT Transceiver
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Order Info

OFM431XT

SFP+ Transceiver, 10GBase-SR (Duplex LC), 850nm,
Multi-mode fiber, up to 300m
