

Catalog

airlive®

AirLive

SFP Module Series

www.airlive.com

Industrial Level 10G Multi Giga SFP+ MiniGBIC Transceiver, Up to 10KM, Hot pluggable, Auto-fall back

ISFP-LR-10G-10KM

airlive®



10G SFP+ transceiver

1310nm DFB

Up to 10KM

Single Mode Dual Fiber

Industrial-level

LC Duplex Connector

DDM Function

ESD Protection

Hot Pluggable

-40°C~+85°C

Overview

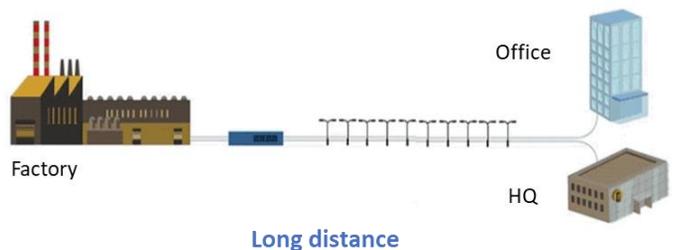
The AirLive ISFP-LR-10G-10KM is a low power, high performance and cost-effective single mode Industrial level SFP+ Fiber transceiver for serial optical data communication applications up to 10Gbps and 10KM in Industrial environments. The low jitter and high sensitivity module is intended for multi mode dual fiber and operates at a nominal wavelength of 1310nm, the higher operating temperature of -40°C ~ +85°C makes the module ideally suited for Industrial and higher temperature areas, the module is hot pluggable.

The transceiver incorporates TX Disable control, TX-Fault, and RX_LOS monitor functions. It is a duplex LC connector transceiver designed to work on Multi Gigabit Ethernet applications and to provide IEEE802.3ae compliant link and Class I Laser safety compliant link.

The suitable applications such as High-speed storage area networks, computer cluster cross-connect, customized high-speed data pipes, and more.

Industrial level Fiber for Long Distance up to 10Km, 10Gbps, auto- fallback

Extend the network further with the AirLive network switches and fiber modules. Use the Industrial SFP+ modules in the SFP+ ports which also supports DDM and offers more information about the fiber connection and makes it easier to find any faults or bad connections.



Features

- 10Gbps Fiber Mini GBIC SFP+ Transceiver
- Single mode SFP+ fiber
- Duplex LC connector Interface
- Wavelength 1310nm DFB Laser and PIN photo detector
- 10Gbps high speed
- Distance up to 10KM
- Low Power consumption < 1.0W
- Hot-pluggable capability
- Very low EMI
- Excellent ESD protection
- Compatible with SFF8472
- Operating Temperature : -40°C ~ +85°C

Application

- Fiber Channel Infrastructure
- STM-16 Optical Interface
- ATM Switches and Routers
- SDH/SONET Switch Infrastructure

Ordering Information

- **Model:**
ISFP-LR-10G-10KM
- **Name:**
Industrial level 10Gbps Fiber Mini GBIC SFP+ Transceiver, 1310nm, LC connector, 10KM, hot-pluggable

Industrial Level 10G Multi Giga SFP+ MiniGBIC Transceiver, Up to 300M, Hot pluggable, Auto-fall back

ISFP-SR-10G-300M

airlive®



10G SFP+ transceiver

850nm

Up to 300M

Multi Mode Dual Fiber

Industrial-level

LC Duplex Connector

DDM Function

ESD Protection

Hot Pluggable

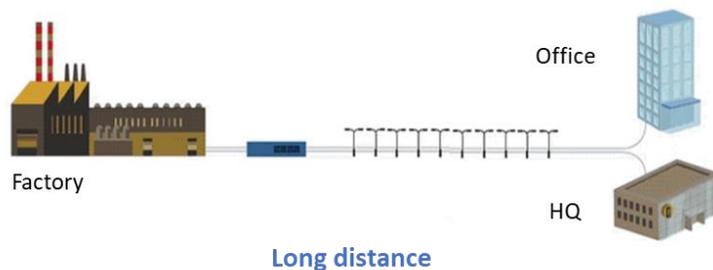
-40°C~+85°C

Overview

The AirLive ISFP-SR-10G-300M is a low power, high performance and cost-effective single mode Industrial level SFP+ Fiber transceiver for serial optical data communication applications up to 10Gbps and 300M in Industrial environments. The low jitter and high sensitivity module is intended for multi mode dual fiber and operates at a nominal wavelength of 850nm, the higher operating temperature from -40°C ~ +85°C makes the module ideally suited for Industrial and higher temperature areas, the module is hot pluggable.

The transceiver incorporates TX Disable control, TX-Fault, and RX_LOS monitor functions. It is a duplex LC connector transceiver designed for use in Gigabit Ethernet applications and to provide IEEE802.3ae compliant link and Class I Laser safety compliant link.

The suitable applications are such as High-speed storage area networks, computer cluster cross-connect, customized high-speed data pipes, and more.



Features

- 10Gbps Fiber Mini GBIC SFP+ Transceiver
- Multi mode SFP+ fiber
- Duplex LC connector Interface
- Wavelength 850nm VCSEL Laser and PIN photo detector
- 10Gbps high speed
- Distance up to 300M
- Low Power consumption < 1.0W
- Hot-pluggable capability
- Very low EMI
- Excellent ESD protection
- IEEE802.3ae
- Operating Temperature: -40°C ~ +85°C

Application

- Fiber Channel Infrastructure
- STM-16 Optical Interface
- ATM Switches and Routers
- SDH/SONET Switch Infrastructure

Ordering Information

- **Model:**
ISFP-SR-10G-300M
- **Name:**
Industrial level 10Gbps Fiber Mini GBIC ISFP Transceiver, 850nm, LC connector, 300M, hot-pluggable

Industrial Level 1000Base-LX MiniGBIC transceiver

Up to 20KM, Hot pluggable

ISFP-LX-1.25G-20KM

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1.25G SFP
transceiver

1310nm

Up to 20KM

Single Mode
Dual Fiber

Industrial-level

LC Duplex
Connector

DDM
Function

ESD
Protection

Hot Pluggable

-40°C~+85°C

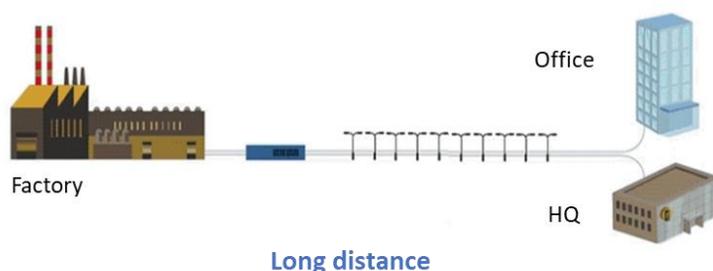
Overview

The AirLive ISFP-LX-1.25G-20KM is a low power, high performance and cost-effective single mode Industrial SFP Fiber transceiver for serial optical data communication applications up to 1.25Gbps and 20KM in Industrial environments. The low jitter and high sensitivity module is intended for single mode dual fiber and operates at a nominal wavelength of 1310nm, the higher operating temperature of -40°C ~ +85°C makes the module ideally suited for Industrial and higher temperature areas, the module is hot pluggable.

The transceiver incorporates TX Disable control, TX-Fault, and RX_LOS monitor functions. It is a duplex LC connector transceiver designed for use in Gigabit Ethernet applications and to provide IEEE802.3z compliant link and Class I Laser safety compliant link. The suitable applications are such as High-speed storage area networks, computer cluster cross-connect, customized high-speed data pipes, and more.

Industrial level Fiber for Long Distance up to 20Km, 1.25Gbps

Extend the network further with the AirLive network switches and fiber modules. Use the Industrial level SFP modules in the SFP ports which also supports DDM and offers more information about the fiber connection and makes it easier to find any faults or bad connections.



Features

- 1.25Gbps Fiber Mini GBIC SFP Transceiver
- Single mode SFP fiber
- Duplex LC connector Interface
- Wavelength 1310nm FP Laser and PIN photo detector
- 1.25Gbps high speed
- Distance up to 20KM
- Low Power consumption Max 1.0W
- Hot-pluggable capability
- Very low EMI
- Excellent ESD protection
- IEEE802.3z
- Operating Temperature : -40°C ~ +85°C

Application

- Fiber Channel Infrastructure
- STM-16 Optical Interface
- ATM Switches and Routers
- SDH/SONET Switch Infrastructure

Ordering Information

- **Model:**
ISFP-LX-1.25G-20KM
- **Name:**
Industrial level 1.25Gbps Fiber Mini GBIC SFP Transceiver, 1310nm, LC connector, 20KM, hot-pluggable

10G Multi Giga SFP+ MiniGBIC transceiver

Up to 10KM, Hot pluggable, Auto-fall back

SFP-LR-10G-10KM

airlive®



10G SFP+
transceiver

1310nm
DFB

Up to 10KM

Single Mode
Dual Fiber

LC Duplex
Connector

DDM
Function

ESD
Protection

Hot Pluggable

0°C~+70°C

Overview

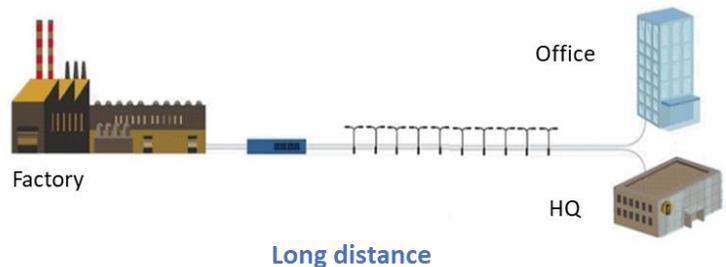
The AirLive SFP-LR-10G-10KM is a low power, high performance and cost-effective multi mode SFP+ Fiber transceiver for serial optical data communication applications up to 10Gbps and 10KM. The low jitter and high sensitivity module is intended for single mode dual fiber and operates at a nominal wavelength of 1310nm, the operating temperature 0°C~70°C and the module is hot pluggable.

The transceiver incorporates TX Disable control, TX-Fault, and RX_LOS monitor functions. It is a duplex LC connector transceiver designed for using in Multi Gigabit Ethernet applications and to provide IEEE802.3ae compliant link and Class I Laser safety compliant link.

The suitable applications are such as High-speed storage area networks, computer cluster cross-connect, customized high-speed data pipes, and more.

Fiber for Long Distance up to 10Km at 10Gbps, auto-fallback

Extend the network further with the AirLive network switches and fiber modules. Use the SFP+ modules in the SFP+ ports which also supports DDM and offers more information about the fiber connection and makes it easier to find any faults or bad connections.



Features

- 10Gbps Fiber Mini GBIC SFP+ Transceiver
- Single mode SFP+ fiber
- Duplex LC connector Interface
- Wavelength 1310nm DFB Laser and PIN photo detector
- 10Gbps high speed
- Distance up to 10KM
- Low Power consumption < 1.0W
- Hot-pluggable capability
- Very low EMI
- Excellent ESD protection
- Compatible with SFF8472
- Operating Temperature : 0 °C ~ +70 °C

Application

- Fiber Channel Infrastructure
- STM-16 Optical Interface
- ATM Switches and Routers
- SDH/SONET Switch Infrastructure

Ordering Information

- **Model:**
SFP-LR-10G-10KM
- **Name:**
10Gbps Fiber Mini GBIC SFP+ Transceiver,
1310nm, LC connector, 10KM, hot-pluggable

10G Multi Giga SFP+ MiniGBIC transceiver

Up to 300M, Hot pluggable, Auto-fall back

SFP-SR-10G-300M

airlive®



10G SFP+
transceiver

850nm

Up to 300M

Multi Mode
Dual Fiber

LC Duplex
Connector

DDM
Function

ESD
Protection

Hot Pluggable

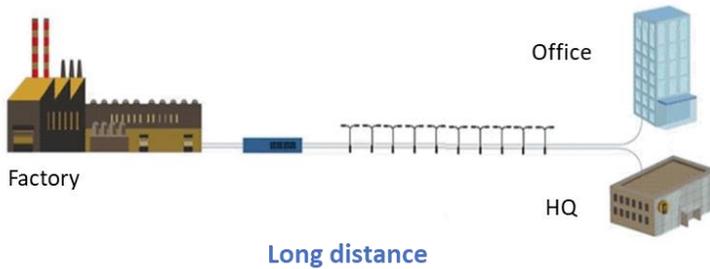
0°C~+70°C

Overview

The AirLive SFP-SR-10G-300M is a low power, high performance and cost-effective multi mode SFP Fiber transceiver for serial optical data communication applications up to 10Gbps and 300M. The low jitter and high sensitivity module is intended for single mode dual fiber and operates at a nominal wavelength of 850nm, the operating temperature 0°C~70°C and the module is hot pluggable.

The transceiver incorporates TX Disable control, TX-Fault, and RX_LOS monitor functions. It is a duplex LC connector transceiver designed for use in Gigabit Ethernet applications and to provide IEEE802.3ae compliant link and Class I Laser safety compliant link.

The suitable applications are such as High-speed storage area networks, computer cluster cross-connect, customized high-speed data pipes, and more.



Features

- 10Gbps Fiber Mini GBIC SFP+ Transceiver
- Multi mode SFP+ fiber
- Duplex LC connector Interface
- Wavelength 850nm VCSEL Laser and PIN photo detector
- 10Gbps high speed
- Distance up to 300M
- Low Power consumption < 1.0W
- Hot-pluggable capability
- Very low EMI
- Excellent ESD protection
- IEEE802.3ae
- Operating Temperature : 0 °C ~ +70 °C

Application

- Fiber Channel Infrastructure
- STM-16 Optical Interface
- ATM Switches and Routers
- SDH/SONET Switch Infrastructure

Ordering Information

- **Model:**
SFP-SR-10G-300M
- **Name:**
10Gbps Fiber Mini GBIC SFP+ Transceiver,
850nm, LC connector, 300M, hot-pluggable

2.5G 1000Base-LX MiniGBIC transceiver

Up to 20KM, Hot pluggable, Auto-Fall-Back

SFP-LX-2.5G-20KM

airlive®



2.5G SFP
transceiver

1310nm

Up to 20KM

Single Mode
Dual Fiber

LC Duplex
Connector

DDM
Function

ESD
Protection

Hot Pluggable

0°C~+70°C

Overview

The AirLive SFP-LX-2.5G-20KM is a low power, high performance and cost-effective single mode SFP Fiber transceiver for serial optical data communication applications up to 2.5Gbps and 20KM. The low jitter and high sensitivity module is intended for single mode fiber and operates at a nominal wavelength of 1310nm. It supports an operating temperature of 0°C~70°C and is hot-pluggable.

The transceiver incorporates TX_DISABLE control, TX-FAULT, and RX_LOS monitor functions. It is a duplex LC connector transceiver designed for using in Gigabit Ethernet applications and to provide IEEE802.3z compliant and Class I Laser safety compliant link.

Fiber for Long Distance up to 20Km 2.5Gbps auto-fallback

Extend the network further with AirLive network switches and fiber modules. Use the SFP modules in the SFP ports which also supports DDM and offers more information about the fiber connection and makes it easier to find any faults or bad connections.



Features

- 2.5Gbps Fiber Mini GBIC SFP Transceiver
- Single mode SFP fiber
- Duplex LC connector Interface
- Wavelength 1310nm FP Laser
- 2.5Gbps high speed
- Long Distance up to 20KM
- Low Power consumption Max 1.0W
- Hot-pluggable capability
- Very low EMI
- Excellent ESD protection
- IEEE802.3z
- Operating Temperature : 0°C ~ +70°C

Application

- Fiber Channel Infrastructure
- STM-16 Optical Interface
- ATM Switches and Routers
- SDH/SONET Switch Infrastructure

Ordering Information

- **Model:**
AirLive SFP-LX-2.5G-20KM
- **Name:**
2.5Gbps Fiber Mini GBIC SFP Transceiver,
1310nm, LC connector, 20KM, Hot-pluggable

1000Base-LX MiniGBIC transceiver

Up to 20KM, Hot pluggable, Auto-Fall-Back

SFP-LX-1.25G-20KM



1.25G SFP
transceiver

1310nm

Up to 20KM

Single Mode
Dual Fiber

LC Duplex
Connector

DDM
Function

ESD
Protection

Hot Pluggable

0°C~+70°C

Overview

The AirLive SFP-LX-1.25G-20KM is a low power, high performance and cost-effective single mode SFP Fiber transceiver for serial optical data communication applications up to 1.25Gbps and 20KM. The low jitter and high sensitivity module is intended for single mode dual fiber and operates at a nominal wavelength of 1310nm, the operating temperature 0°C~70°C and the module is hot pluggable.

The transceiver incorporates TX Disable control, TX-Fault, and RX_LOS monitor functions. It is a duplex LC connector transceiver designed for use in Gigabit Ethernet applications and to provide IEEE802.3z compliant link and Class I Laser safety compliant link.

The suitable applications are such as High-speed storage area networks, computer cluster cross-connect, customized high-speed data pipes, and more.

Fiber for Long Distance up to 20Km at Gigabit

Extend the network further with AirLive network switches and fiber modules. Use the SFP modules in the SFP ports which also supports DDM and offers more information about the fiber connection and makes it easier to find any faults or bad connections.



Features

- 1.25Gbps Fiber Mini GBIC SFP Transceiver
- Single mode SFP fiber
- Duplex LC connector Interface
- Wavelength 1310nm FP Laser and PIN photo detector
- 1.25Gbps high speed
- Distance up to 20KM
- Low Power consumption Max 1.0W
- Hot-pluggable capability
- Very low EMI
- Excellent ESD protection
- IEEE802.3Z
- Operating Temperature : 0 °C ~ +70 °C

Application

- Fiber Channel Infrastructure
- STM-16 Optical Interface
- ATM Switches and Routers
- SDH/SONET Switch Infrastructure

Ordering Information

- **Model:**
SFP-LX-1.25G-20KM
- **Name:**
1.25Gbps Fiber Mini GBIC SFP Transceiver, 1310nm, LC connector, 20KM, hot-pluggable

1000Base-SX MiniGBIC transceiver

500M, Hot pluggable

SFP-SX-1.25G-500M

airlive®



1.25G SFP
transceiver

850nm
VCSEL

Up to 500M

Multi Mode
Dual Fiber

LC Duplex
Connector

DDM
Function

ESD
Protection

Hot Pluggable

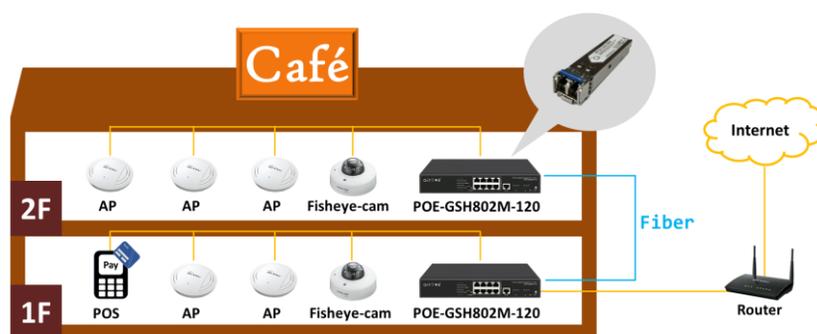
0°C~+70°C

Overview

The AirLive SFP-SX-1.25G-500M is a low power, high performance and cost-effective multi mode SFP Fiber transceiver for serial optical data communication applications up to 1.25Gbps and 500M. The low jitter and high sensitivity module is intended for single mode dual fiber and operates at a nominal wavelength of 850nm, the operating temperature 0°C~70°C and the module is hot pluggable.

The transceiver incorporates TX Disable control, TX-Fault, and RX_LOS monitor functions. It is a duplex LC connector transceiver designed for use in Gigabit Ethernet applications and to provide IEEE802.3z compliant link and Class I Laser safety compliant link.

The suitable applications are such as High-speed storage area networks, computer cluster cross-connect, customized high-speed data pipes, and more.



SFP cross-floor connection

Features

- 1.25Gbps Fiber Mini GBIC SFP Transceiver
- Multi mode SFP fiber
- Duplex LC connector Interface
- Wavelength 850nm VCSEL Laser and PIN photo detector
- 1.25Gbps high speed
- Distance up to 500M
- Low Power consumption Max 1.0W
- Hot-pluggable capability
- Very low EMI
- Excellent ESD protection
- IEEE802.3Z
- Operating Temperature : 0 °C ~ +70 °C

Application

- Fiber Channel Infrastructure
- STM-16 Optical Interface
- ATM Switches and Routers
- SDH/SONET Switch Infrastructure

Ordering Information

- **Model:**
SFP-SX-1.25G-500M
- **Name:**
1.25Gbps Fiber Mini GBIC SFP Transceiver,
850nm, LC connector, 500M, hot-pluggable