

# SFP28-25G-850-100m

**Brand:** AirLive

**Product Code:** SFP 28-25G-850-100m

**Availability:** 12-18 Days

**Weight:** 0.00kg

**Dimensions:** 0.00cm x 0.00cm x 0.00cm



**Price:** 2,300.00EGP

## Short Description

**SFP28-25G-850-100M-MP: 25G SR SFP28 transceiver**

## Description

**SFP28-25G-850-100M-MP: 25G SR SFP28 transceiver**

## Overview

The AirLive SFP28-25G-850-100M-MP transceiver adopts LC duplex connectors, reaching a link distance of up to 100m over OM4 MMF and 70m over OM3. The SFP28 transceiver module supports running on the same 1G/10G network cabling Infrastructure, giving 2.5 times increase in speed at least, and the built-in DDM function monitors the real-time operating status. The module is fully compliant with the SFF-8024, SFF-8431, SFF-8432 and SFF-8472 standards. Featuring low power consumption and high speed. With these features, this easy to install, hot swappable transceiver is suitable to be used in various applications, such as for use in inter- and intra-connect data centers, high-performance computing networks, enterprise core and distribution layer applications.

## Highlight Feature

- Hot-pluggable SFP28 form factor
- Supports 25.78125Gb/s bit rate
- Maximum link length of 70m on OM3 MMF and 100m on OM4 MMF
- 850nm VCSEL laser and PIN photo detector
- Internal CDR on both Transmitter and Receiver channel
- Hot-pluggable capability
- Single 3.3V power supply/li>
- Low power dissipation: ?1.0W
- Operating environment temperature of 0°C to 70°C
- Compliant with SFF-8024, SFF-843, SFF-8432
- Compliant to IEEE802.3by
- Compliant to SFF-8472

## Specification

Model

SFP28-25G-850-100M-MP

## Hardware

|                                    |                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Device Interface                   | SFP28 Form Factor<br>LC MMF Connector                                                                                                                                                                                                                                                                                                   |
| Power Supply Voltage               | 3.135V~3.465V<br>Typical Power Supply Voltage: 3.3V                                                                                                                                                                                                                                                                                     |
| Standard                           | Compliant with SFF-8024, SFF-8431, SFF-8432<br>Compliant with IEEE802.3by<br>Compliant with SFF-8472<br>DDM Support                                                                                                                                                                                                                     |
| Total Supply Current               | 300mA                                                                                                                                                                                                                                                                                                                                   |
| Data Rate                          | 25.78125 Gbps                                                                                                                                                                                                                                                                                                                           |
| Power Consumption                  | Max 1.0 W                                                                                                                                                                                                                                                                                                                               |
| Transmitter (Electrical - Optical) | Operating Wavelength Range:<br>- Min.:840nm<br>- Typical: 85nm<br>- Max.: 860nm<br>Launched Power (avg.): Min. -8.4dBm, Max 2.4dBm<br>Optical Power OMA: Min -6.4dBm, Max 3dBm<br>Extinction Ratio: Min: 2.0dB<br>Optical Return Loss Tolerance : Max. 12dB<br>Transmitter Differential Input Voltage:<br>- Min. 95 mV<br>- Max. 900 mV |
| Receiver -Optical, Electrical      | Center Wavelength:<br>- Min. 840nm<br>- Typical: 850nm<br>- Max. 860nm<br>Average Receiver Power:<br>- Min. -10.3dBm<br>- Max. 2.4dBm<br>Los De-Assert: Max. -13dBm<br>Los Assert: Min. -30dBm<br>Los Hysteresis: Min. 0.5dB<br>Differential data output swing:<br>- Min. 300 mV<br>- Max. 900 mV                                       |
| <b>Environment</b>                 |                                                                                                                                                                                                                                                                                                                                         |
| Operating Temperature              | 0°C to +70°C                                                                                                                                                                                                                                                                                                                            |
| Storage Temperature                | -40°C to +85°C                                                                                                                                                                                                                                                                                                                          |
| Operating Humidity                 | 5%~85%, non-condensing                                                                                                                                                                                                                                                                                                                  |

|                  |                        |
|------------------|------------------------|
| Storage Humidity | 5%~90%, non-condensing |
|------------------|------------------------|

## Ordering Information

|       |                                                                                                                           |
|-------|---------------------------------------------------------------------------------------------------------------------------|
| Model | <b>AirLive SFP28-25G-850-100M-MP</b><br>25Gbps SFP28 SR MMF Transceiver,<br>850nm, LC connector, 100M, DDM, Hot-pluggable |
|-------|---------------------------------------------------------------------------------------------------------------------------|

### Standard Package

|                 |                                  |
|-----------------|----------------------------------|
| Product Size    | 56.70(L) x 13.70(W) x 8.50(H) mm |
| Package Size    | (L) x (W) x (H) cm               |
| Package Weight  | N.W: kg<br>G.W: kg               |
| Package Content | 1 x SFP Module                   |

### Standard Carton Package

|                |                    |
|----------------|--------------------|
| Quantity       | 10PCS / 1 Blister  |
| Dimensions     | (L) x (W) x (H) cm |
| Package Weight | TBD kg             |