

## Transceiver



**LinkIT SFP+ 10Gbps LR 10km HP/Aruba**  
LC, DDM, Single-mode, 1310nm

Product number: LI-3199-10D-HP

## Product Description

This module is compliant with the SFP+ MSA and fully adheres to ROHS standards. It features an all-metal housing that ensures superior EMI performance and supports an operating data rate ranging from 8.5Gbps to 10Gbps. The module is equipped with an uncooled 1310nm DFB laser, a high-sensitivity PIN photodiode, and a TIA, allowing for transmission distances of up to 10 kilometers. It uses an LC duplex connector and a hot-pluggable 20-pin interface. With low power consumption of less than 1.0W, it operates within a wide temperature range of 0°C to 70°C. The module is powered by a single +3.3V ±5% power supply and is compliant with Digital Diagnostic Monitoring according to SFF-8472 Rev 10.2.

Applications :  
10 Gigabit Ethernet

Features :  
LC connector  
SingleModeFiber  
1310 nm  
OS2\_10Km  
1 x TX  
1 x RX  
Hot-pluggable  
DDM

## Main Specifications

<b>Brand</b>	LinkIT
<b>Connector type 1</b>	SFP+
<b>Connector type 2</b>	LC
<b>Measurements (WxHxD)</b>	(13.9x14.55x56.5)
<b>Wave length (nm)</b>	1310nm
<b>Distance</b>	Up to 10km



## Extended Specifications

<b>Transmission speed</b>	10Gbps
<b>Fibre type</b>	Single mode
<b>SFP Coding</b>	HP/Aruba
<b>Standards</b>	IEEE 802.3ae 10GBASE –LR/LW, SFF-8431 Rev 3.0, SFF-8472 Rev 10.2, 10GFC Rev 4.0, FC-PI-4 Rev 7.0
<b>Temperature</b>	0°C to 70°C operating wide temperature range
<b>Certifications</b>	CE, RoHS

## Dimensional Sketches

### IX. Mechanical Specifications(Unit: mm)

