

## Transceiver

**LinkIT QSFP112 400Gbps DR4 500m Intel**  
 8 x 50Gbps | 1310nm | DDM | MPO/MTP-16



Product number: LI-QSFP112MPO-DR4-IN

### Product Description

This device offers a data rate of up to 53.125 Gbps per channel using PAM4 modulation and supports the 400GAUI-8 electrical interface. It is equipped with a 1310nm laser and PIN receiver, housed in a QSFP-DD MSA package with an MPO connector. The implementation of a Digital Diagnostics Monitoring (DDM) function ensures optimal performance. With a maximum power consumption of 12W and a single +3.3V power supply, the device can transmit data over distances of up to 500 meters on single-mode fiber (SMF). It complies with ROHS2.0 standards and adheres to the IEEE 802.3bs and QSFP-DD MSA hardware specifications.

### Main Specifications

<b>Brand</b>	LinkIT
<b>Wave length (nm)</b>	1310
<b>Distance</b>	500m

### Extended Specifications

<b>Transmission speed</b>	400Gbps
<b>Fibre type</b>	SMF
<b>Standards</b>	802.3bs & QSFP-DD MSA HW, QSFP-DD CMIS standard
<b>Temperature</b>	0°C to +70 °C
<b>Certifications</b>	RoHS

