

# DWDM SFP+

## Overview

LongXing's DWDM SFP+ specifically designed for carriers and large enterprises that require a scalable, flexible, cost-effective system for multiplexing, transporting and protecting high-speed data, storage, voice and video applications in point-to-point, add/drop, ring, mesh and star network topologies. Digital diagnostic functions are available via an I2C. This module is designed for single mode fiber and operates at a nominal wavelength of 100GHz or 50GHz ITU Grid, C Band DWDM wavelength. A guaranteed minimum optical link budget of 23 dB is offered.



## Features

- Support 9.95 Gbps to 11.1Gbps
- Complaint to SFP+ MSA
- Compliant to IEEE 802.3ae 10GBASE-ZR
- Compliant with OC-192 / SDH STM LR2
- Maximum Link Length of 80 km
- Temperature-stabilized DWDM EML Transmitter
- 23 dB Power Budget at Least
- 100 or 50GHz ITU Grid, C Band
- SFF-8472 Digital Diagnostic Function
- AC/AC Coupling according to MSA
- Single +3.3 V Power Supply
- RoHS6 Compliant
- 0 to 70C Operating Temp.
- Class 1 Laser International Safety Standard IEC 60825 Compliant

## Applications

- 10Gb/s SONET/SDH ITU-T G.959.1 P1L1-2D2
- 10Gb/s SONET/SDH ITU-T G.709
- 10 Gb/s OC-192 / STM-64 LR2
- 10GBASE-ZR/ZW
- 80 km 10G Fibre Channel
- 10G Ethernet with FEC

Specifications									
Package	P/N	Data Rate	Wavelength	OSA Type	Distance	Connector	Case Temp.	DDM	Application
SFP+	LXD7J409-DCLxx	9.95~11.1 G	DWDM 100GHz	EML/PIN	14dB	LC	0~70	D	Ethernet, 10GFC
SFP+	LXD7K809-DCLxx	9.95~11.1 G	DWDM 100GHz	EML/APD	23dB	LC	0~70	D	Ethernet, 10GFC
SFP+	LXD7J409-DCLxx	9.95~11.1 G	DWDM 50GHz	EML/PIN	14dB	LC	0~70	D	Ethernet, 10GFC
SFP+	LXD7K809-DCLxx	9.95~11.1 G	DWDM 50GHz	EML/APD	23dB	LC	0~70	D	Ethernet, 10GFC

Shipping Information	
Package Contents	Transceiver, 10 units
Package Dimensions(W*H*D)	20mm*13.5mm*3.8mm
Material	Carton box
Weight	0.5 KG
Lead Time	10-15 working days normally

## Packing Details



