

# DWDM SFP

## Overview

LongXing's Dense Wavelength Division Multiplexing (DWDM) SFP transceivers provide the high speeds and physical compactness that today's networks require while delivering the deployment flexibility and inventory control that network administrators demand. Our DWDM SFPs are available in all 100 GHz or 50GHz C-band wavelengths on the DWDM ITU Grid. They are designed to MSA standards to ensure broad network equipment compatibility. As multirate interfaces they support any protocol from 100 Mbps to 4.25 Gbps.

The transceivers are small form factor pluggable modules for bi-directional serial optical data communications such as 4x/2x/1x Fibre Channel, SDH/SONET, Ethernet applications. The modules are hot pluggable and digital diagnostic functions are available via an I2C serial bus specified in the SFP MSA SFF-8472. The modules meet the requirements of the IEEE802.3 Gigabit Ethernet standard and ANSI Fibre Channel specifications, and are suitable for interconnections in Gigabit Ethernet and Fibre Channel environments.



## Specifications

Package	P/N	Data Rate	Wavelength	OSA Type	Power Budget	Connector	Case Temp.	DDM	Application
DWDM SFP	ZD5J291-D xLxx	100M~155 Mbps	100GHz DWDM	DFB/PIN	29DB	LC	Com./Ind.	D	FE, SDH, SONET, FTTx
DWDM SFP	ZD5J341-D xLxx	100M~155 Mbps	100GHz DWDM	DFB/PIN	34DB	LC	Com./Ind.	D	FE, SDH, SONET, FTTx
DWDM SFP	ZD5J371-D xLxx	100M~155 Mbps	100GHz DWDM	DFB/PIN	37DB	LC	Com./Ind.	D	FE,SDH, SONET, FTTx
DWDM SFP	ZD5K451- DxLxx	100M~155 Mbps	100GHz DWDM	DFB/APD	45DB	LC	Com./Ind.	D	FE, SDH, SONET, FTTx
DWDM SFP	ZD5J291-D xLxx	100M~155 Mbps	50GHz DWDM	DFB/PIN	29DB	LC	Com./Ind.	D	FE, SDH, SONET, FTTx
DWDM SFP	ZD5J341-D xLxx	100M~155 Mbps	50GHz DWDM	DFB/PIN	34DB	LC	Com./Ind.	D	FE, SDH, SONET, FTTx
DWDM SFP	ZD5J371-D xLxx	100M~155 Mbps	50GHz DWDM	DFB/PIN	37DB	LC	Com./Ind.	D	FE, SDH, SONET, FTTx
DWDM SFP	ZD5K451- DxLxx	100M~155 Mbps	50GHz DWDM	DFB/APD	45DB	LC	Com./Ind.	D	FE, SDH, SONET, FTTx
DWDM SFP	ZD5J232-D xLxx	100M~622 Mbps	100GHz DWDM	DFB/PIN	23dB	LC	Com./Ind.	D	SDH, SONET, FTTx
DWDM SFP	ZD5J282-D xLxx	100M~622 Mbps	100GHz DWDM	DFB/PIN	28dB	LC	Com./Ind.	D	SDH, SONET, FTTx
DWDM SFP	ZD5K342- DCLxx	100M~622 Mbps	100GHz DWDM	DFB/APD	34dB	LC	Com.	D	SDH, SONET, FTTx
DWDM SFP	ZD5K392- DCLxx	100M~622 Mbps	100GHz DWDM	DFB/APD	39dB	LC	Com.	D	SDH, SONET, FTTx
DWDM SFP	ZD5J232-D xLxx	100M~622 Mbps	50GHz DWDM	DFB/PIN	23dB	LC	Com./Ind.	D	SDH, SONET, FTTx
DWDM SFP	ZD5J282-D xLxx	100M~622 Mbps	50GHz DWDM	DFB/PIN	28dB	LC	Com./Ind.	D	SDH, SONET, FTTx



DWDM SFP	ZD5K342-DCLxx	100M~622 Mbps	50GHz DWDM	DFB/APD	34dB	LC	Com.	D	SDH, SONET, FTTx
DWDM SFP	ZD5K392-DCLxx	100M~622 Mbps	50GHz DWDM	DFB/APD	39dB	LC	Com.	D	SDH, SONET, FTTx
DWDM SFP	ZD5J193-DxLxx	up to 1.25Gbps	100GHz DWDM	DFB/PIN	19dB	LC	Com./Ind.	D	GBE, FC, FTTx
DWDM SFP	ZD5J243-DxLxx	up to 1.25Gbps	100GHz DWDM	DFB/PIN	24dB	LC	Com./Ind.	D	GBE, FC, FTTx
DWDM SFP	ZD5J283-DxLxx	up to 1.25Gbps	100GHz DWDM	DFB/PIN	28dB	LC	Com./Ind.	D	GBE, FC, FTTx
DWDM SFP	ZD5K323-DxLxx	up to 1.25Gbps	100GHz DWDM	DFB/APD	32dB	LC	Com./Ind.	D	GBE, FC, FTTx
DWDM SFP	ZD5K373-DxLxx	up to 1.25Gbps	100GHz DWDM	DFB/APD	37dB	LC	Com./Ind.	D	GBE, FC, FTTx
DWDM SFP	ZD5J193-DxLxx	up to 1.25Gbps	50GHz DWDM	DFB/PIN	19dB	LC	Com./Ind.	D	GBE, FC, FTTx
DWDM SFP	ZD5J243-DxLxx	up to 1.25Gbps	50GHz DWDM	DFB/PIN	24dB	LC	Com./Ind.	D	GBE, FC, FTTx
DWDM SFP	ZD5J283-DxLxx	up to 1.25Gbps	50GHz DWDM	DFB/PIN	28dB	LC	Com./Ind.	D	GBE, FC, FTTx
DWDM SFP	ZD5K323-DxLxx	up to 1.25Gbps	50GHz DWDM	DFB/APD	32dB	LC	Com./Ind.	D	GBE, FC, FTTx
DWDM SFP	ZD5K373-DxLxx	up to 1.25Gbps	50GHz DWDM	DFB/APD	37dB	LC	Com./Ind.	D	GBE, FC, FTTx
DWDM SFP	ZD5J154-DxLxx	up to 2.5Gbps	100GHz DWDM	DFB/PIN	15dB	LC	Com./Ind.	D	GBE, FC, SDH, SONET
DWDM SFP	ZD5J174-DxLxx	up to 2.5Gbps	100GHz DWDM	DFB/PIN	17dB	LC	Com./Ind.	D	GBE, FC, SDH, SONET
DWDM SFP	ZD5K294-DxLxx	up to 2.5Gbps	100GHz DWDM	DFB/APD	29dB	LC	Com./Ind.	D	GBE, FC, SDH, SONET
DWDM SFP	ZD5K344-DCLxx	up to 2.5Gbps	100GHz DWDM	DFB/APD	34dB	LC	Com.	D	GBE, FC, SDH, SONET
DWDM SFP	ZD5J154-DxLxx	up to 2.5Gbps	50GHz DWDM	DFB/PIN	15dB	LC	Com./Ind.	D	GBE, FC, SDH, SONET
DWDM SFP	ZD5J174-DxLxx	up to 2.5Gbps	50GHz DWDM	DFB/PIN	17dB	LC	Com./Ind.	D	GBE, FC, SDH, SONET



DWDM SFP	ZD5K294-DxLxx	up to 2.5Gbps	50GHz DWDM	DFB/APD	29dB	LC	Com./Ind.	D	GBE, FC, SDH, SONET
DWDM SFP	ZD5K344-DCLxx	up to 2.5Gbps	50GHz DWDM	DFB/APD	34dB	LC	Com.	D	GBE, FC, SDH, SONET
DWDM SFP	ZD5J154-DxLxx	up to 2.67Gbps	100GHz DWDM	DFB/PIN	15dB	LC	Com./Ind.	D	GBE, FC, SDH, SONET
DWDM SFP	ZD5J174-DxLxx	up to 2.67Gbps	100GHz DWDM	DFB/PIN	17dB	LC	Com./Ind.	D	GBE, FC, SDH, SONET
DWDM SFP	ZD5K294-DxLxx	up to 2.67Gbps	100GHz DWDM	DFB/APD	29dB	LC	Com./Ind.	D	GBE, FC, SDH, SONET
DWDM SFP	ZD5K324-DxLxx	up to 2.67Gbps	100GHz DWDM	DFB/APD	32dB	LC	Com.	D	GBE, FC, SDH, SONET
DWDM SFP	ZD5J154-DxLxx	up to 2.67Gbps	50GHz DWDM	DFB/PIN	15dB	LC	Com./Ind.	D	GBE, FC, SDH, SONET
DWDM SFP	ZD5J174-DxLxx	up to 2.67Gbps	50GHz DWDM	DFB/PIN	17dB	LC	Com./Ind.	D	GBE, FC, SDH, SONET
DWDM SFP	ZD5K294-DxLxx	up to 2.67Gbps	50GHz DWDM	DFB/APD	29dB	LC	Com./Ind.	D	GBE, FC, SDH, SONET
DWDM SFP	ZD5K324-DCLxx	up to 2.67Gbps	50GHz DWDM	DFB/APD	32dB	LC	Com.	D	GBE, FC, SDH, SONET
DWDM SFP	ZD5J136-DxLxx	up to 4.25Gbps	100GHz DWDM	DFB/PIN	13dB	LC	Com./Ind.	D	FC
DWDM SFP	ZD5J186-DxLxx	up to 4.25Gbps	100GHz DWDM	DFB/PIN	18dB	LC	Com./Ind.	D	FC
DWDM SFP	ZD5K266-DxLxx	up to 4.25Gbps	100GHz DWDM	DFB/APD	26dB	LC	Com./Ind.	D	FC
DWDM SFP	ZD5J136-DxLxx	up to 4.25Gbps	50GHz DWDM	DFB/PIN	13dB	LC	Com./Ind.	D	FC
DWDM SFP	ZD5J186-DxLxx	up to 4.25Gbps	50GHz DWDM	DFB/PIN	18dB	LC	Com./Ind.	D	FC
DWDM SFP	ZD5K266-DxLxx	up to 4.25Gbps	50GHz DWDM	DFB/APD	26dB	LC	Com./Ind.	D	FC

## Shipping Information

Package Contents

Distribution box, 1 unit; Keys for lock, 2 keys

Package Dimensions(W*H*D)	190mm*50mm*120mm
Material	Carton box
Weight	0.82 KG
Lead Time	10-15 working days normally

## Packing Details

