

## ✦ 10G SFP+ TRANSCEIVER

Opticking 10G SFP+ Ethernet optical transceivers include LR, ER and ZR series, which adopt LC optical ports and are compatible with IEEE802.3ae, SFF-8472, SFF-8431 and other standards. It has the characteristics of low power consumption, small volume, high speed, etc. These products are mainly applied in Data centers, Metropolitan Area, Wireless, Transmission networks and other environments.

## ◆ 10G Duplex SFP+ Transceiver

### Product Feature

- Class 1 laser product EN 60825-1 standards
- Operating data rate up to 11.3Gbps
- Compliant with MSA SFP+ Specification

SFF-8431

- Hot pluggable
- 3.3V Single Power supply
- TTL Signal detect indicator
- RoHS-6 Compliant
- Operation Temperature Range:

X means: C (0-70°C)

E(-10 ~ 85°C)

I(-40 ~ 85°C)



## Ordering Information

Product Number	Wavelength	Data Rate	Distance	TX Power	RX Sens	LD	PD	DDM
KSFP10-0085ML03X	850nm	10Gb/s	300m	-8.2~-1dbm	<-9.9dbm	VCSEL	PIN	YES
KSFP10-0031SL10X	1310nm	10Gb/s	10km	-6~0.5dbm	<-14.4dbm	DFB	PIN	YES
KSFP10-0031SL20X	1310nm	10Gb/s	20km	-6~0.5dbm	<-14.4dbm	DFB	PIN	YES
KSFP10-0031SL40X	1310nm	10Gb/s	40km	-2~+0dbm	<-20dbm	DFB	PIN	YES
KSFP10-0055SL40X	1550nm	10Gb/s	40km	-4.7~+4dbm	<-14.1dbm	EML	PIN	YES
KSFP10-0055SL80X	1550nm	10Gb/s	80km	0~+4dbm	<-24dbm	EML	PIN	YES

## ◆ 10G BIDI SFP+ Transceiver



## Ordering Information

Product Number	Wavelength	Data Rate	Distance	TX Power	RX Sens	LD	PD	DDM
KSFP10-3327SL20X	1330nm/1270nm	10Gb/s	20km	-6~-1dbm	<-15dbm	DFB	PIN	YES
KSFP10-2733SL20X	1270nm/1330nm	10Gb/s	20km	-6~-1dbm	<-15dbm	DFB	PIN	YES
KSFP10-3327SL40X	1330nm/1270nm	10Gb/s	40km	-1~+4dbm	<-16.5dbm	DFB	PIN	YES
KSFP10-2733SL40X	1270nm/1330nm	10Gb/s	40km	-1~+4dbm	<-16.5dbm	DFB	PIN	YES
KSFP10-3327SL60X	1330nm/1270nm	10Gb/s	60km	0~+5dbm	<-20dbm	DFB	APD	YES
KSFP10-2733SL60X	1270nm/1330nm	10Gb/s	60km	0~+5dbm	<-20dbm	DFB	APD	YES
KSFP10-5549SL80X	1550nm/1490nm	10Gb/s	80km	0~+4dbm	<-23dbm	EML	APD	YES
KSFP10-4955SL80X	1490nm/1550nm	10Gb/s	80km	0~+4dbm	<-23dbm	EML	APD	YES

## ◆ 10G SFP+ XWDM Transceiver



### Product Feature

- Class 1 laser product EN 60825-1 standards
- Operating data rate up to 11.3Gbps
- Compliant with MSA SFP+ Specification

#### SFF-8431

- Duplex LC connector
- Hot pluggable
- 3.3V Single Power supply
- TTL Signal detect indicator
- RoHS-6 Compliant
- Operation Temperature Range:

X means: C (0-70°C) E(-10 ~ 85°C)

I(-40 ~ 85°C)

### Ordering Information

Product Number	Wavelength	Data Rate	Distance	TX Power	RX Sens	LD	PD	DDM
KSFP10-COXXSL10X	CWDM(Note 1)	10Gb/s	10km	-4~2dbm	<-14.4dbm	DFB	PIN	YES
KSFP10-COXXSL20X	CWDM(Note 1)	10Gb/s	20km	-3~3dbm	<-14.4dbm	DFB	PIN	YES
KSFP10-COXXSL40X	CWDM(Note 1)	10Gb/s	40km	1~5dbm	<-16dbm	DFB or EML	PIN	YES
KSFP10-COXXSL80X	CWDM(Note 1)	10Gb/s	80km	0~5dbm	<-23dbm	EML	APD	YES
KSFP10-DOXXSL40X	DWDM(Note 2)	10Gb/s	40km	-3~+3dbm	<-16.4dbm	DFB	PIN	YES
KSFP10-DOXXSL80X	DWDM(Note 2)	10Gb/s	80km	0~+4dbm	<-24dbm	EML	APD	YES

#### Notes:

- 1) COXX refers to CWDM wavelength range 1271nm to 1611nm, each step 20nm. Please contact Opticking to confirm the wavelength availability.
- 2) DOXX refers to DWDM wavelength channel as ITU-T specified. Please contact Opticking to confirm the wavelength availability.