

## 10G SFP+ Transceiver

**MODEL: SFP+LR**



### PRODUCT FEATURES

- 10Gb/s serial optical interface compliant to 802.3ae 10GBASE-LR.
- 1310nm DFB transmitter, PIN photo-detector
- Up to 10km transmission on SMF
- Duplex LC connector
- Metal enclosure, for lower EMI
- Electrical interface compliant to SFF-8431
- Specifications for 10 Gigabit "SFP+"
- 2-wire interface for management
- Specifications compliant with SFF 8472
- Single 3.3V power supply
- Power dissipation < 1.5W
- Case operating temperature range: -5°C to 70°C

### APPLICATIONS

- 10GBASE-LR/LW 10G Ethernet

### STANDARD

- Compliant with SFF-8472 SFP+ MSA.
- Compliant to SFP+ SFF-8431 and SFF-8432.
- Compliant to 802.3ae 10GBASE-LR.
- RoHS Compliant.

### INFORMATION ORDER

Part No.	Data Rate	Wavelength	Reach	TX	RX	Port	Size	Temperature	Others
SFP+SR	10G	850nm	300M	VCS	PIN	-	<-	0~70°C	LC;3.3V;MM

				EL		7.3~- 1.5d Bm	9.9dBm		F;RoHS
SFP+LR	10G	1310nm	10K M	DFB	PIN	- 8~0. 5dB m	<- 12.6dB m	0~70°C	LC;3.3V;SM F;RoHS
SFP+ER	10G	1550nm	40K M	DFB	PIN	- 1~2d Bm	- 11.7dB m	0~70°C	LC;3.3V;SM F;RoHS
SFP+ZR	10G	1550nm	80K M	DFB	PIN	- 1~2d Bm	- 12.3dB m	0~70°C	LC;3.3V;SM F;RoHS

**Due to continuous improvement, all products specifications are subject to change without further notice.  
Contact us for custom requirements. E-mail: [Sales@zhtelecomm.com](mailto:Sales@zhtelecomm.com) Website: [www.zhtelecomm.com](http://www.zhtelecomm.com)  
Tel: +86-01081593787 Fax: +86-01081593789**