

## Ikshu SFP+ SR

### Features

- ❖ 10Gb/s serial optical interface compliant to 802.3ae 10GBASE-SR
- ❖ 850nm VCSEL transmitter, PIN photo-detector
- ❖ Operating case temperature: 0 to 70°C
- ❖ All-metal housing for superior EMI performance
- ❖ Low power consumption
- ❖ 2-wire interface for management specifications compliant with SFF 8472 digital diagnostic monitoring interface for optical transceivers
- ❖ Electrical interface compliant to SFF-8431 specifications for enhanced 8.5 and 10 Gigabit small form factor pluggable module “SFP+”
- ❖ Advanced firmware allow customer system encryption information to be stored in transceiver
- ❖ Cost effective SFP+ solution, enables higher port densities and greater bandwidth.



### Specifications

Part Number	Symbol	Minimum	Maximum	Unit
Power Supply	Vcc	0	3.6	V
Storage Temperature	Tc	-40	85	°C
Operating Temperature	Tc	0	70	°C
Relative Humidity	RH	5	95	%
RX Input Average power	Pmax		0	dBm

### Recommended Operating Environment

Part Number	Symbol	Minimum	Typical	Maximum	Unit
Power Supply Voltage	Vcc	3.135	3.3	3.3465	V
Storage Temperature	Tc	0	25	70	°C

### Ordering Information

Part Number	Type	Wavelength	Distance Supported
Ikshu SFP+ SR	Multimode	850nm	300 Mtrs



**Texonic (Chennai)**  
 No.121, Luz Church Road,  
 Mylapore, Chennai  
 Ph: 044 4211 8608 / 8609  
 Email: ganesh@texonic.com