

Part Type: SFP-10GBase-USR SFP-10GBase-USR-IND

Quick Spec:

Form Factor:	SFP
TX Wavelength:	850nm
Reach:	300m
Cable Type:	MMF
Rate Category:	10GBase
Interface Type:	USR
DDM:	Yes
Connector Type:	Dual-LC



Features:

- Operating Data Rate up to 10.3Gbps
- Single 3.3V Power Supply and TTL Logic Interface
- Hot Pluggable
- Compliant with MSA SFP+, Specification SFF-8431
- Compliant with IEEE 802.3ae 10GBASE-SR
- Digital Diagnostic Monitor Interface
- Compliant with SFF-8472
- RoHS 6 Compliant
- Operating Temperature
 - Standard: 0°C ~+70°C
 - Industrial: -40°C ~+85°C

Applications:

- 10G Ethernet at 10.3125Gbps

Specification

Electrical Characteristics (Condition: Ta=TOP)

Parameter	Symbol	Min.	Typ	Max.	Unit	Notes
CML Inputs(Differential)	Vin	150		1200	mV p-p	AC coupled inputs
Supply Current	ICC			300	mA	
Input Impedance (Differential)	Zin	85	100	115	ohm	Rin > 100 kohm @ DC
Tx_Disable Input Voltage - Low	VIL	0		0.8	V	
Tx_Disable Input Voltage - High	VIH	2.0		3.45	V	
Tx_Fault Output Voltage - Low	VOL	0		0.5	V	
Tx_Fault Output Voltage - High	VOH	2.0		Vcc+0.3	V	
CML Outputs (Differential)	Vout	350		700	mV pp	AC coupled outputs
Output Impedance (Differential)	Zout	85	100	115	ohms	
Rx_LOS Output Voltage- Low	VOL	0		0.5	V	
Rx_LOS Output Voltage- High	VOH	2.5			V	