



AVN-SFPL2

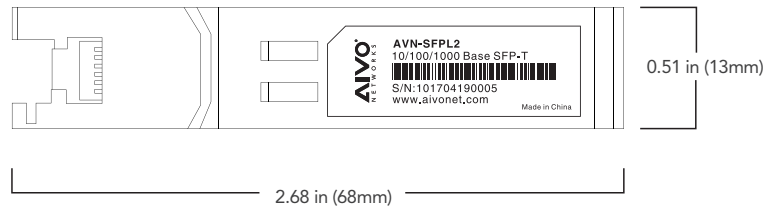
SFP Gigabit Fiber Transceiver Module to RJ45 Connection

OVERVIEW

- Up to 1.25 Gb/s bi-directional data links
- Low power dissipation(1.05W typical)
- Compact RJ-45 connector assembly
- Fully metal enclosure, for lower EMI
- RoHS compliant and lead-free
- Single +3.3V power supply
- Case operating temperature :
 - Commercial: 0°C to +70°C
 - Extended: -10°C to +80°C
 - Industrial: -40°C to +85°C

DIMENSIONS

Unit : inch(mm)



SPECIFICATIONS

DESCRIPTION	
Supply Current	typ. 320 mA
Input Voltage	typ. 3.3 V
Maximum Voltage	4 V
Surge Current	30 mA
SFP Output LOW	0 V ~ 0.5 V
SFP Output HIGH	host Vcc -0.5 V ~ host Vcc + 0.3 V
SFP Input LOW	0 V ~ 0.8 V
SFP Input HIGH	2 V ~ Vcc + 0.3 V
High-Speed Electrical Interface, Transmission Line-SFP	
Line Frequency	typ. 125 MHz
Tx Output Impedance	typ. 100 Ohm
Rx Input Impedance	typ. 100 Ohm
High-Speed Electrical Interface	
Single ended data input swing	250 mV ~ 1200 mV
Single ended data output swing	350 mV ~ 800 mV
Rise/Fall Time	typ. 175 psec
Tx Input Impedance	typ. 50 Ohm
Rx Output Impedance	typ. 50 Ohm
General	
Data Rate	10 Mb/sec ~ 1000 Mb/sec
Cable Length	100 m
Case Operating Temperature	
Commercial	0°C ~ 70°C
Extended	-10°C ~ 80°C
Industrial	-40°C ~ 85°C
Storage Temperature (ambient)	-40°C ~ 85°C
Dimensions (W x L x H)	(68mm x 13mm x 13mm)