



GARANTIR

## MINI GBIC SFP TRANSCEIVER



Garantir Small Form Factor Pluggable (SFP) transceiver pair are compatible with the Small Form Factor Pluggable Multi-Sourcing Agreement (MSA). The SFP transceivers are high performance, cost effective modules supporting dual data-rate of 1.25Gbps/1.063Gbps and 10km Bi-directional transmission distance with SMF. They are RoHS compliant and lead-free.

### FEATURES :

- ❖ Plug-and-Play capability for easy installation
- ❖ LC connector
- ❖ IEEE 802.3Z compliant
- ❖ Up to 1.25Gb/s Bidirectional links
- ❖ Hot-pluggable SFP footprint
- ❖ Pair with two transceiver - 1550nm DFB laser transmitter, 1310nm InGaAs PIN receiver and 1310nm FP laser transmitter 1550nm InGaAs PIN receiver
- ❖ DDMI
- ❖ RoHS compliant and Lead Free
- ❖ Up to 10km on 9/125um SMF
- ❖ Metal enclosure for lower EMI
- Single +3.3V power supply
- Low power dissipation <800mW



## SPECIFICATION :

Product Code	GT-SFP-MM550-850	GT-SFP-SM10-1310	GT-SFP-SM20-1310	GT-SFP-SM60-1550	PL-1080SM-SFP
Type	Multi-Mode	Single-Mode	Single-Mode	Single-Mode	Single-Mode
Distance	550 m	10 Km	20 Km	60 Km	80 Km
Wavelength (nm)	850 nm	1310 nm	1310 nm	1550 nm	1550 nm
IEEE Standard	1000BASE-SX	1000BASE-LX	1000BASE-LX	1000BASE-LX	1000BASE-ZX

## ORDERING INFORMATION:

GT-SFP-MM550-850	Garantir Multi mode Gigabit 850nm Mini-GBIC module supports up to 550mtr.
GT-SFP-SM10-1310	Garantir Single mode Gigabit 1310nm Mini-GBIC module supports up to 20km.
GT-SFP-SM20-1310	Garantir Single mode Gigabit 1550nm Mini-GBIC module supports up to 60km.
GT-SFP-SM60-1550	Garantir Single mode Gigabit 1550nm Mini-GBIC module supports up to 80km.

Ver :1.0

NOTE : Specifications are subject to change without notice. Garantir products referred to in this datasheet are trademarks of Garantir or its subsidiaries. All other trademarks belong to their respective owners.