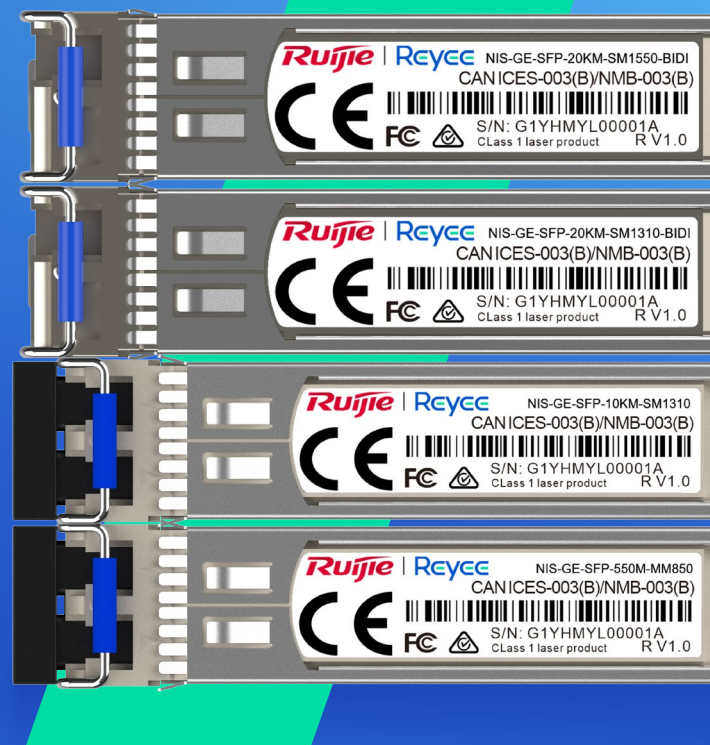


# SFP Transceiver Module

## NIS-GE-SFP Series

### DATASHEET



### Highlights

- Small Form-Factor Pluggable (SFP) transceiver modules include fiber SFP modules and copper SFP modules.
- An SFP module is an input/output (I/O) device that supports hot swapping.
- When inserted into an Ethernet interface, the SFP module can connect the port to an optical network.
- An SFP module can be considered as a small Gigabit Interface Converter (GBIC), which is why it is also called a mini-GBIC module.

# Specifications

Basic								
Model	NIS-GE-SFP-550M-MM850		NIS-GE-SFP-10KM-SM1310		NIS-GE-SFP-20KM-SM1310-BIDI		NIS-GE-SFP-20KM-SM1550-BIDI	
Standard	Short wavelength		Long wavelength/ Long distance		Long wavelength/ Long distance		Long wavelength/ Long distance	
Rate	1000 Mbps		1000 Mbps		1000 Mbps		1000 Mbps	
Wavelength (nm)	850		1310		TX: 1310 RX: 1550		TX: 1550 RX: 1310	
Fiber Type	MMF		SMF		SMF		SMF	
DDM (Yes/No)	Yes		Yes		Yes		Yes	
Transmitter Power (dBm)	Min.	-9.5	-9.5		-9		-9	
	Max.	-3	-3		-3		-3	
Receiver Power (dBm)	Min.	-17	-20		-22		-22	
	Max.	0	-3		-3		-3	
Connector Type	L/C		L/C		L/C		L/C	
Core Size (µm)	50/125		9/125		9/125		9/125	
Max. Cabling Distance	550 m (1640.42 ft)		10 km (32808.40 ft)		20 km (65616.80 ft)		20 km (65616.80 ft)	
Operating Temperature	-40 to +85°C (-40 to +185°F)							
Storage Temperature	-40 to +85°C (-40 to +185°F)							
Relative Humidity	10% RH to 90% RH (non-condensing)							

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Ruijie Networks Co., Ltd.  
Building 19, Juyuanzhou Industrial Park, No.618  
Jinshan Road, Cangshan District, Fuzhou, Fujian, China  
Website: <https://www.ruijienetworks.com>