

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)		

Ruijie | Rcycc

 **Redefine your easy network**

Copyright ©2000-2023 Ruijie Networks Co., Ltd. All rights reserved.

No part of this document may be reproduced or transmitted in any form or any means without prior written consent of Ruijie Networks Co., Ltd.

Notice

This content is applicable only to regions outside the China mainland. Ruijie Networks Co., Ltd. reserves the right to interpret this content.

The information contained herein is subject to change without notice. Nothing herein should be construed as constituting an additional warranty. Ruijie Networks Co., Ltd. shall not be liable for technical or editorial errors or omissions contained herein.



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