

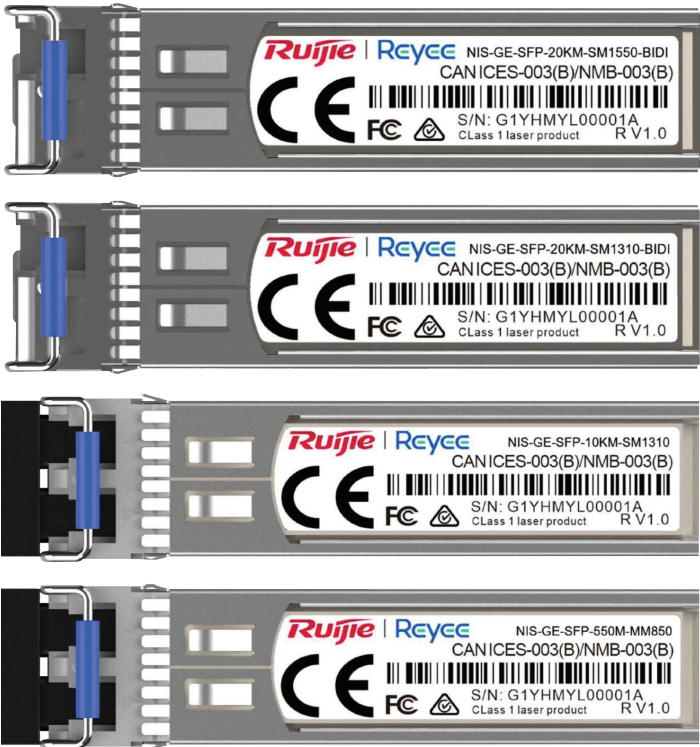
The 57MM-SFP series of Small Form-Factor Pluggable (SFP) transceiver modules are engineered for seamless compatibility with Matchmaster’s range of Ruijie network devices, including switches, routers, and access points. Delivering reliable Gigabit connectivity, these modules are built to handle networking requirements of any scale with consistent performance and dependability.

Features and Benefits

- » Superior Quality and Performance: High-performance Gigabit SFP transceivers built to deliver reliable, high-speed connectivity—backed by a 5-year factory warranty for peace of mind.
- » Hot-Swappable Design: SFP modules function as I/O devices that support hot swapping, allowing quick replacements or upgrades without system downtime.
- » Fibre Connectivity: Ideal for linking network devices across fibre optic networks, ensuring fast and stable data transmission.
- » Versatile Fibre Support: Compatible with both Multimode and Single-Mode fibre solutions to suit a range of network infrastructures.
- » Flexible Configuration Options: Available in bidirectional (BiDi) for single-mode, single-core fibre and in duplex for both single-mode and multimode applications, providing greater deployment flexibility.



Product Code	Product Description	Ruijie Part Number
57MM-SFP01	Gigabit Multimode 850nm SFP Module - Duplex LC 550m	NIS-GE-SFP-550M-MM850
57MM-SFP02	Gigabit Single-Mode 1310nm SFP Module - Duplex LC 10km	NIS-GE-SFP-10KM-SM1310
57MM-SFP03	Gigabit Single-Mode TX1310nm/ RX1550nm SFP Module - BIDI LC 20km	NIS-GE-SFP-20KM-SM1310-BIDI
57MM-SFP04	Gigabit Single-Mode TX1550nm/ RX1310nm SFP Module - BIDI LC 20km	NIS-GE-SFP-20KM-SM1550-BIDI



Model	57MM-SFP01	57MM-SFP02	57MM-SFP03	57MM-SFP04
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	320W
RX: 1550	TX: 1550	1.2kW	1kW	800W
RX: 1310	800V	1.85kW	1.55kW	1.35kW
Fiber Type	MMF	SMF	SMF	SMF
DDM (Yes/No)	Yes	Yes	Yes	Yes
Transmitter Power (dBm) Min.	-9.5	-9.5	-9	-9
Transmitter Power (dBm) Max.	-3	-3	-3	-3
Receiver Power (dBm) Min.	0	-3	-3	-3
Receiver Power (dBm) Max.	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)			