

25GBASE-SR SFP28 Optical Transceiver Module (MMF, 850nm, 100m, LC, DOM)



High-Speed 25GBASE-SR Connectivity

Compufox SFP28-25G-SR-100M is a high-performance, cost-effective SFP28 optical transceiver designed for **25 Gigabit Ethernet** applications. Operating over multimode fiber (MMF) at a wavelength of **850nm**, it provides reliable data transmission for short-reach high-density interconnects.

Why Choose Compufox 25GBASE-SR?

- **Plug-and-Play Compatibility:** Custom-coded to be 100% compatible with major brands like Cisco, Arista, Juniper, and Dell.
- **Short-Reach Efficiency:** Optimized for distances up to 100m on OM4 and 70m on OM3 multimode fiber.
- **Low Latency & Power:** Features a low-power design ($\leq 1W$) and integrated Digital Optical Monitoring (DOM) for real-time health checks of your fiber link.



Contact Us:

Email: sales@compufox.com



(305) 865-8517



+1 (305) 710-6768



Live Chat

SFP28-25G-SR-100M | 25GBASESR SFP28 850nm 100m Transceiver - Datasheet



Technical Specifications

Form Factor	SFP28
Max Data Rate	25.78Gbps
Wavelength	850nm
Max Cable Distance	100m@OM4 / 70m@OM3
Connector	Duplex LC
Media	Multimode Fiber (MMF)
Transmitter Type	VCSEL
Receiver Type	PIN
TX Power	-7.9 ~ 1.9dBm
Min. Receiver Power	< -6dBm
Power Budget	1.9dB
Receiver Overload	2.4dBm
Power Consumption	≤1W
Extinction Ratio	> 2dB
CDR Support	TX & RX Built-in CDR
Inbuilt FEC	Yes
Temp. Range	0 to 70°C (32 to 158°F)
Protocols	SFF-8472, SFF-8024, SFF-8431, SFF-8432
DDM/DOM	Supported
Core Size	50/125 μm
Packaging	COB Packaging
Warranty	1 Year

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