SRJ-GT

1000BASE-T SFP Copper RJ45 Transceiver (100M)

EAN Code : 4712757151114

Introduction

The **CERIO 1000BASE-T SFP Copper RJ45 module** is a small pluggable transceiver that can be used with switches or routers that support RJ45 connectors. It **supports 1.25Gbps Ethernet transmission capabilities** and complies with the IEEE 802.3ab network standard. Using Cat5e network cable, the **maximum transmission distance for 1.25Gbps Ethernet transmission capability can reach up to 100 meters.**

The **CERIO 1000BASE-T SFP Copper module** uses an RJ45 interface and is directly compatible with network devices that support RJ45 interfaces. Therefore, there is no need to replace existing network equipment or re-layout fiber optic cables, and upgrades can be made to installed equipment, greatly reducing the cost of fiber optic cabling. This 1000BASE-T SFP Copper RJ45 transceiver is widely used in various network application scenarios, such as data centers, enterprise networks, campus networks, and wide area networks.

Highlight Features

- Complying with IEEE 802.3ab 1000BASE-T Gigabit Ethernet Standard.
- Compliant with SFP Multi-Source Agreement (MSA).
- Supports 1.25Gbps Ethernet transmission capability.
- Complying with Auto MDIX function, which can support parallel line and crossover port and has Auto-negotiation function.
- Using Cat5e network cable specification at a rate of 1.25Gbps, the transmission distance can reach up to 100 meters.
- Low power consumption less than 1.05W.
- Single power supply 3.3V.
- Hot-pluggable remove and install module.
- RoHS compliant.
- Plug and play, easy installation.

Specifications

Fiber Type	
SFP Copper	
Data Transfer Rate	
1.25Gbps	
Maximum Fiber Distance	
100M	
Supply Voltage	
3.3V	
Power Consumption	
< 1.05W	
Connector	
RJ45	
Operating Temperature	
0°C ~ 70 °C	

Storage Temperature	
-40 °C ~85 °C	
Dimension (W x H x D)	
13.4 x 13.7 x 66.7 mm	
Weight	
22g	
Production Location	
TW	
Certifications	
RoHS compatible	

Package Contents

Contents	
SRJ-GT Main Unit	x1
Warranty Card	x1

1.25Gbps/Gigabit SFP Series

Model No.	Description	Compatible Switch
SRJ-GT	1000BASE-T SFP Copper RJ45 Transceiver 100m	CS-1224G CS-2424G CS-2208G-8P CS-2424G-24P CS-3416G-16P CS-3424G-24P
SRJ-GT	1.25Gbps SFP SX 850nm 550m LC Multi-Mode DDM	
SLC-GLXS10	1.25Gbps SFP LX 1310nm 10KM LC Single-Mode DDM	

10Gbps SFP+ Series

Model No.	Description	Compatible Switch
SRJ-10GT	10GBASE-T SFP+ Copper RJ45 Transceiver 30m	CS-2648XG CS-2648XG-48P
SLC-10GSRM	10GBASE-SR SFP+ 850nm 300m LC Multi-Mode DDM	
SLC-10GLRS10	10GBASE-LR SFP+ 1310nm 10KM LC Single-Mode DDM	
AOC-10G01	1M 10GBASE-T SFP+ to SFP+ Active Optical Cables Cable	