

PASSPORT DATA SHEET

Copper (RJ-45) SFP



Champion ONE's copper (RJ-45) SFPs, which offer direct compatibility with your existing switches and routers, provide full-duplex 10/100/1000Base-T transmission over UTP Category 5 copper cables.

*Champion ONE **Passport** transceivers are programmed for universal compatibility across multiple OEM platforms. This open methodology reduces costs and unlocks operational simplicity by reducing sparing costs.*

Technical Specifications

STANDARDS AND REGULATORY COMPLIANCE

RoHS compliant
SFP MSA (multi-source agreement)
IEEE Std 802.3

PROTOCOLS AND DATA RATES

10/100/1000 Base Ethernet

CONNECTOR

RJ-45

WARRANTY

All feature a limited 5-year warranty

NOTES

Available in standard temperature: 0 to 70°C

C1 Part Number	Data Rate (Mbps)	Cable Type	Rated Distance (m)	Temp Range (°C)	Hardened Option Available ¹	SGMII Support ²	Auto-Negotiation State	LOS PIN State
10/100/1000BASE-T COPPER SFPS								
1000SFPT	10/100/1000	Cat-5	100	0 to 70	No	Yes	On	Grounded
1000SFPTR2	10/100/1000	Cat-5	100	0 to 70	No	Yes	Off	Used
MR-SFPSGT	10/100/1000	Cat-5	100	0 to 85	Yes	Yes	On	Grounded

Notes:

1. Hardened Option - operating temperature range is -40 to +85°C (-40 to +185°F). Specifications are the same. Part number has a "-H" suffix. Example: MR-SFPSGT-H
2. 10/100/1000 BASE-T operation requires the host system to have an SGMII interface with no clocks. With a SERDES that does not support SGMII, the module will operate at 1000BASE-T only.