

## PASSPORT DATA SHEET

# 25G Dual Fiber SFP28



Champion ONE's 25G SFP28 optical transceivers offer direct compatibility with your existing switches and routers, as well as low power consumption, and high port density. 25G Ethernet transceivers can serve as an upgrade for 10G Ethernet SFP+ links, while our 25G CPRI optics are ideal for 5G wireless applications.

*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
- SFP28 MSA (multi-source agreement)
  - SFF-8071 Card Edge Connector
  - SFF-8402 Physical and Performance Specs
  - SFF-8472 Diagnostic Monitoring Interface

### PROTOCOLS AND DATA RATES

- Product line supports the following protocols and data rates:
- 25G Ethernet (25 Gbps)
- 25G CPRI

### DIMENSIONS

LxWxH (mm): 56.5 x 13.9 x 11.85

### CONNECTOR

LC connector

### WARRANTY

All feature a limited 3-year warranty

### NOTES

Includes MDIO digital diagnostics

C1 Part Number	Wavelength (nm)	Fiber Type	Rated Distance	Hardened Option Available <sup>1</sup>	Description	Avg. Launch Power per lane (min/max) (dBm)	Avg. Rx Power per lane (min/max) (dBm)	Max Power Consumption (W)
<b>25G ETHERNET</b>								
25GSFP28E-SR(-H)	850	MMF	70m (OM3) <sup>2</sup> 100m (OM4) <sup>2</sup>	Yes	25GBase-SR SFP28, 70m/100m, MMF LC/UPC connector	-8.4 / 2.4	-10.3 / 2.4	1.0
25GSFP28E-SRL(-H)	850	MMF	150m (OM3) <sup>2</sup> 200m (OM4) <sup>2</sup>	Yes	25GBase-SRL SFP28, 150m/200m, MMF LC/UPC connector	-8.4 / 2.4	-10.3 / 2.4	1.0
25GSFP28E-LR(-H)	1310	SMF	10km	Yes	Single-Rate 25GBase-LR SFP28 10km SMF LC/UPC connector (temp-hardened)	-7.0 / 2.0	-13.0 / 2.0	1.5
<b>25G CPRI</b>								
25GSFP28C-SR	850	MMF	100m (OM4)	Yes	25G SFP28 CPRI 24.33G, temp-hardened	-8.4 / 2.4	-10.3 / 2.4	0.8
25GSFP28C-SRL-H	850	MMF	200m (OM3) 300m (OM4)	Yes	25GBase-SRL SFP28, 200m/300m, MMF LC/UPC connector (temp-hardened)	-1 / 2.4	-10.3 / 2.4	1.2

1. Hardened Option - operating temperature range is -40 to +85°C (-40 to +185°F). Optical specifications are the same. Part number has a "-H" suffix.

2. Requires FEC on the host to support maximum distance, per 25GBASE-SR.