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 lifetime warranty

NOTES
Includes MDIO digital diagnostics

C1 Part Number	Wavelength (nm)	Fiber Type	Rated Distance	Hardened Option Available[1]	Description	Avg. Launch Power per Lane (min/max) (dBm)	Avg. Rx Power per Lane (min/max) (dBm)	Max Power Consumption (W)
25G ETHERNET								
25GSFP28E-SR(-H)	850	MMF	70m (OM3)[2] 100m (OM4)[2]	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)[2] 200m (OM4)[2]	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
25GSFP28E-ERL(-H)	1310	SMF	30km	Yes	25G Ethernet SFP28 1310nm 30km	0 / 6.0	-19.0 / -3.0	2.5
25G CPRI								
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	150m (OM3) 200m (OM4)	Yes	25GBase-SRL SFP28, 200m/300m, MMF LC/UPC connector (temp-hardened)	-1.0 / 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.

2.25.2021 – REV 2.7