PASSPORT DATA SHEET

200G QSFP-DD

Champion ONE's 200G QSFP-DD optical transceiver is an ideal solution for 200G interconnects, e.g., data center interconnects. It is designed to transmit and receive serial optical data up to 8x25.78Gbps. It can also function as a 2x100G QSFP-DD SR4 transceiver that supports 2x100G connections to two 100G QSFP28 SR4 transceivers using a MPO breakout cable.

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 cost*s.

Technical Specifications

STANDARDS AND REGULATORY COMPLIANCE
RoHS 6 compliant
QSFP-DD MSA (multi-source agreement)
IEEE 802.3bm
SFF-8636
International Class 1 Laser Safety certified

APPLICATIONS
200GBase-SR8 Ethernet
2x100GBase-SR4 Ethernet

CONNECTOR
Single MPO24 connector receptacle

WARRANTY
All feature a limited 3-year warranty

NOTES
Available in standard temperature (0 to 70°C).
Includes DDM functionality

C1 Part Number	Wavelength (nm)	Fiber Type	Rated Distance	Description	Avg. Launch Power per Lane (min/max) (dBm)	Avg. Rx Power per Lane (min/max) (dBm)	Max Power Consumption (W)
200G ETHERNET							
200GQSFPDDE-SR8	850 (8x25.78Gb/s)	MMF	70m (OM3) 100m (OM4)	200G QSFP-DD SR8, 70m (OM3)/100m (OM4) MMF, MPO24 connector, C-Temp	-8.4 / 2.4	-9.5 / 2.4	4.5

06.13.2019 – REV 2.0