

PASSPORT DATA SHEET

1G EPON ONU SFP



Champion ONE's 1G EPON optics are specified for ONU usage in your last-mile network, and offer direct compatibility with your existing network platform. These stand-alone EPON sticks are self-contained ONUs that interface in any standard SFP footprint.

*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 802.3ah-2005
CableLabs DPoE

PROTOCOLS AND DATA RATES

EPON 1000Base-PR20
CTC OAM
DPoE

CONNECTOR

Simplex SC connector

WARRANTY

All feature a limited 5-year warranty

NOTES

Available in standard temperature (0 to 70° C) and industrial temperature (-40 to 85° C)

C1 Part Number	Tx/Rx Wavelength (nm)	Fiber Type	Rated Distance (km)	Temp Range (°C)	Hardened Option Available	Description	Output Power (min/max) (dBm)	Receiver Sensitivity (dBm)	Max. Input Power (dBm)
1G EPON ONU									
EPONONUSFPD-D	1490/1310	SMF	20	0 to 70	Yes	EPON ONU - IEEE 802.3ah, 1490/1310nm w/ DOM CTC or DPoE OAM support	0.0 to 4.0	-25	-3.0
EPONONUSFPD-HD	1490/1310	SMF	20	-40 to 85	-	EPON ONU - IEEE 802.3ah, 1490/1310nm w/ DOM CTC or DPoE OAM support - Temperature Hardened	0.0 to 4.0	-25	-3.0