

## 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)
<b>1G EPON ONU</b>									
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