

## 2.7 Specifications

**Table 7: Electrical Specifications**

Parameter	Specification
Station side (FXO) card power consumption	2 W maximum
Station side (FXO) card power dissipation	4 W maximum
CO side (FXS) card power consumption	5 W maximum
CO side (FXS) card power dissipation	4.5 W maximum
Station side (FXO) loop specification	As per FCC part 68
CO side (FXS) loop current	25 mA min. with at least -48 Vdc on-hook voltage
Fiber optic interface	ST/SC type connector
Transceiver wavelength	850 nm or 1310 nm
Fiber optic type	Multi-mode fiber: 62.5/125 μm Single-mode fiber: 9/125 μm
Maximum fiber span distance	Multi-mode fiber: 850 nm 2 km (1.2 miles) Single-mode fiber: 1310 nm 16 km (9.9 miles)

**Table 8: Environmental Specifications**

Parameter	Specification
Operating temperature	-40°C to 65°C (-40°F to 149°F)
Storage temperature	-40°C to 85°C (-40°F to 185°F)
Humidity (non-condensing)	20 to 80%
Altitude	-61 to 3048 m (-200 ft to 10,000 ft) above sea level