

2.9 Specifications

Table 6: Electrical Specifications

Parameter	Specification
CO side (FXO) card power consumption	2 W maximum
CO side (FXO) card power dissipation	4 W maximum
Station side (FXS) card power consumption	6 W maximum
Station side (FXS) card power dissipation	4.5 W maximum
CO side (FXO) loop specification	As per TIA-968
Station side (FXS) loop current	25 mA min. with at least -48 Vdc on-hook voltage
Station side (FXS) ringing voltage	90 Vrms nominal, unbalanced
Maximum ringing load	5 REN per line, 8 REN per card

Table 7: Optical Specifications

Parameter	Specification
Fiber optic interface	ST/SC type connector
Transmitter wavelength	Multi-mode: 850 nm Single-mode: 1310 nm
Transmitter power output	Multi-mode: -23dBm Single-mode: -12dBm
Receiver sensitivity	Multi-mode: -39dBm Single-mode: -39dBm
Fiber optic type	Multi-mode fiber: 62.5/125 μm Single-mode fiber: 9/125 μm
Fiber span distance	Multi-mode: 3.5 km (2 miles) Single-mode: 42 km (26 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