

2.7 Specifications

Table 4: Electrical Specifications

Parameter	Specification
CO side power consumption	N/A
CO side power dissipation	300 mW
Station side power consumption	3.5 W
Station side power dissipation	2.5 W
FXO on-hook resistance	As per TIA-968 (> 5Mohms)
FXO loop-current	20 mA minimum with -48 Vdc on-hook voltage
FXS maximum line length	2,000 ft
FXS ringing voltage	20 Hz
Maximum ringing load	5 REN

Table 5: 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: -17dBm Single-mode: -11dBm
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: 5 km (3 miles) Single-mode: 50 km (31 miles)

Table 6: 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

NOTE

The operating temperature specified in Table 6 is the maximum ambient temperature with any combination of TeleLite cards in the shelf.