

2.11 Specifications

NOTE | The following specifications apply to both the Enhanced Dual and Single T1 Interface cards.

Table 14: Electrical Specifications

Parameter	Specification
CO side power consumption	1.6 Watts at -48 Vdc locally powered
CO side power dissipation	2.2 Watts when line powered 1.6 Watts when locally powered
Station side power consumption	8 Watts
Station side power dissipation	3 Watts
Line coding	AMI or B8ZS (transparent)
Line length CO side	1829 m (6,000 ft)
Line length Station side	1828.8 m (6,000 ft)

Table 15: Optical Specifications

Parameter	Specification
Fiber optic interface	ST/SC type connector
Transmitter wavelength	multi-mode fiber: 850 nm standard single-mode fiber: 1310 nm Long Reach single-mode: 1550 nm
Transmitter power output	multi-mode: -22 dBm standard single-mode: -12 dBm Long Reach single-mode: -3 dBm normal, -43 dBm in safety mode
Receiver sensitivity	multi-mode: -39dBm standard single-mode: -39dBm Long Reach single-mode: -38dBm
Fiber optic type	multi-mode fiber: 62.5/125 μm single-mode fiber: 9/125 μm
Fiber span distance	multi-mode: 4 km (2.5 miles) standard single-mode: 42 km (26 miles) Long Reach single-mode: 100 km (62 miles)

Table 16: Environmental Specifications

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

NOTE | The operating temperature specified in Table 15 is the maximum ambient temperature with any combination of TeleLite cards in the shelf.