

3.0 Specifications

Parameter	Specification
Card Power Consumption	3W max for POE 5W max for PSE
Ethernet Copper Max Distance	As per IEEE 802.3
Ethernet Powering	As per IEEE 802.3af
Fiber Optic Interface	ST/SC type connectors
Transceiver Wavelength	850 nm (MST-type cards); 1310 nm (SSC type cards); 1550 nm (XSC type cards)
MST TeleLite Fiber Loss Budget	21dB
SSC TeleLite Fiber Loss Budget	28dB
XSC TeleLite Fiber Loss Budget	35dB
Maximum Fiber Span	Multi-mode (MST Cards): 2km (1.2 miles) Single Mode (SSC Cards): 16km (9.9 miles) Single Mode (XSC Cards): 80km (50 miles)
Transceiver Wavelength	850 nm (MST-type cards); 1310 nm (SSC type cards); 1550 nm (XSC type cards)
Fiber Optic Type	Multi-mode fiber: 62.5/125 μm (MST type cards) Single-mode fiber: 9/125 μm (SSC and XSC type cards)
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	-60m to 3,050m (-200 ft to 10,000 ft) relative to sea level