

2.2.8 Specifications

Table 11: Data 56K DDS Interface Electrical Specifications

	Specification
CO side power consumption	1.2 Watts maximum
Line coding	AMI
Bit rate	2.4 kbps , 3.2 kbps, 3.5 kbps, 4.8 kbps , 5.4 kbps, 7.0 kbps, 14.0 kbps, 19.2 kbps , 25.6 kbps, 28.8 kbps, 38.4 kbps , 51.2 kbps, 56.0 kbps , 64.0 kbps , 72.0 kbps
Rates in BOLD represent the ATIS T1.410 requirement	
Line length CO side	For CO side line length settings, see Table 8 on page 19.
Line length Station side	For Station side line length settings, see Table 8 on page 19.
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
Fiber span distance maximum	Multi-mode: (850 nm) 2 km (1.2 miles) Single-mode: (1310 nm) 16 km (9.9 miles)

Table 12: Regulatory Specifications

Parameter	Specification
Network Protections:	FCC part 68
Emissions	FCC part 15, Class A
Electrostatic Discharge	IEC 61000-4-2, Telecordia GR-1089-CORE
Immunity to electrical fast transients	IEC 61000-4-4
Immunity to surge	IEC 61000-4-5
Drop Test	Telecordia GR-63-CORE, Section 4.3

Table 13: Environmental Specifications

	Specification
Card operating temperature	-40°C to 85°C (-40°F to 149°F)
Cabinet operating temperature	-40°C to 75°C (-40°F to 167°F)
Storage temperature	-40°C to 85°C (-40°F to 185°F)
Humidity (non-condensing)	20% to 80%
Altitude	-60m to 3050 m (-200 ft to 10,000 ft) above sea level