

4. Specifications

Physical

Dimensions	5.5" x 1.5" x 9.0"
Weight	1 lb, 5 oz

Environmental

Operating temperature	0° to +50° C @ 95% humidity, non-condensing
Storage temperature	-20° to +60° C long term

Electrical

Power input	24 VDC nominal, 500 mA minimum
On hook voltage	-42 VDC nominal
Ringing Voltage	≥ 50 VAC RMS @20 Hz, @3 REN

Signaling

Ring frequency	20 Hz
Ring waveform	Rounded Square Wave
Dial tone delay	0.1 seconds
Network response delay	0.2 seconds
Line attenuation	6 dB
Call progress signals	
Dial tone	350 + 440 Hz continuous
Ringback	440 + 480 Hz follows ringing cadence
Busy	480 + 620 Hz 500 ms on/500 ms off
Reorder	480 + 620 Hz 250 ms on/250 ms off
Tone input level	-19 dBm +/- 3 dB
Forced disconnect duration	850 ms +/- 25 ms
Line impedance	900 ohms
Dialing requirements	
Rotary	8 - 12 pps
DTMF tone on/off	>40 ms
Talk path attenuation	6 dB (nominal)
On/off-hook detect	<6 mA = on-hook >18 mA = off-hook
Off-hook loop current	>25 mA with 400 ohms total loop resis-
tance	
On-hook detect	>400 ms