

Appendix A Specifications

POWER REQUIREMENTS

The DDS/MR64 contains an internal power supply with the following characteristics:

Volts (rms)	$117 \pm 10\%$
Hertz	$60 \pm 5\%$
Watts	5 maximum
Cooling	Convection

Fuse protection is provided for the ac input.

The DDS/MR64 is equipped with a 6-foot captive power cord.

INTERFACE TECHNICAL CHARACTERISTICS

Transmit Pair

Output Impedance:	$135 \text{ ohm} \pm 10\%$
Output Pulse:	$50 \pm 5\%$ duty cycle
Output Amplitude:	$1.4 \pm 0.1\text{V}$ across 135 ohms ($0.785 \pm 0.05 \text{ V}$ at 9600 bps)
Output Power:	+ 6 dBm with 135 ohm load (0.0 dBm at 9600 bps)

Receive Pair

Impedance:	$135 \text{ ohm} \pm 10\%$
Input Levels:	+6 to -40 dBm

