

**Table 1-1. UPLINK POWER CONTROLLER
MODEL NUMBER UPC-100M SPECIFICATIONS**

General	
Beacon Receiver Input	0 to 10 Volts
Programmable Beacon Slope	0.01 to 0.99 V/dB in 0.01 steps
Programmable Linearity	Linear Piecewise Linear, 3 slopes
Control modes	Manual Automatic Open Loop Automatic Closed Loop, optional
Remote M&C Port	
Interface	RS232 or RS485
Alarms	
Form C relay contact closure	Summary
Front Panel Status	Summary
Front Panel Display	+ 5V, +12V
Chassis	
Prime Power	85 to 264 VAC, 47 – 63 Hz, 40 W
Size	19.0" x 1.75" x 14.0"
Weight	6.5 lbs
Operating	
Temperature	0 to +40°C
Humidity	Up to 95% non-condensing
Storage	
Temperature	-18 to +50°C
Humidity	Up to 95% non-condensing

Figure 1-1: The UPC-100M uplink power control controller unit

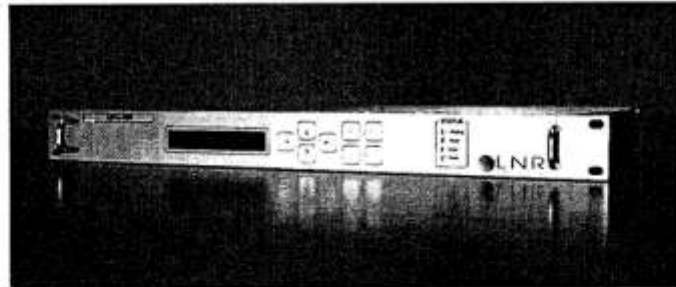


Figure 1-1. UPC-100M

**TABLE 1-2. UPC IF ATTENUATOR
MODEL NUMBERS IF-70-ATT and IF-140-ATT SPECIFICATIONS**

General	
Operating Frequencies	70 ±20 MHz 140 ±36 MHz
Attenuation Range	0 to 15 dB
Resolution	0.25 dB
Accuracy	±1.0 dB
Flatness	±0.10 dB
Insertion Loss	0 dB nominal
Intercept Point IP3	+8 dBm
Impedance In/Out	75 ohms
Return Loss In/Out(J2/J3)	20 dB
Attenuator Default Range	0-15 dB in 0.25 dB steps via front panel settings
ENVIRONMENT	
Operating Temperature	0° to 40° C
Relative Humidity	0% to 95% non-condensing
Storage Temperature	-30° to +80° C
Relative Humidity	0% to 100%
GENERAL	
Input Voltage	115/230 VAC ±10%
Line Power	50 Watts Max.
Frequency	47-63 Hz
Size	19" Wide x 9.5" Deep x 1.75" High
Weight	5 lbs.