

## **Models 213 & 214, VHF / IF 16 Channel Programmable Gain Unit**

The models 213 and 214 are sixteen independent user adjustable gain channels in a common chassis. The model 213 has a 50 ohm impedance and the model 214 is the 75 ohm version. The models 213 and 214 are ideally suited for level trimming in Intermediate Frequency distribution systems.

The unit's front panel display permits local users to view and change attenuator settings, as well as checking the health and status of the chassis. A simple ACSII literal based command set allows quick and easy remote control of the unit.

### **Electrical**

Frequency Range	10 – 500 MHz
Channels	Sixteen Independent
Gain Range	+4.0 to -56.5 dB
Gain Control Resolution	0.5 dB
Gain Accuracy	+/- 1.0 dB, 10 – 250 MHz +/- 1.5 dB, 250 – 500 MHz
Maximum Level, No Damage	+17 dBm
Impedance	50 ohms, Model 213 75 ohms, Model 214
Return Loss / VSWR	-14 dB / 1.5:1
Primary Power	115/230VAC, 50/60Hz, 15 watts
Remote Interfaces	RS-574 (DTE) RS-485 (two wire)

### **Mechanical**

Chassis Size	3U (5.25")H x 19"W x 20"D
RF Connectors	(32) BNC Female

### **Environmental**

Operating Temperature	0 to +50 C
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### **Configuration/Ordering Information**

**213** (50 ohms)

**214** (75ohms)

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