

### Input Characteristics

Video	
Level	1 volt p-p
Response	±0.5 dB
	20 Hz to f max dependent on video filter
	Normally supplied 4.2 MHz
	6.0 MHz option
	BB response without VLPF 10 Hz to 10 MHz ±0.5 dB
Impedance	75 ohms, unbalanced
Return Loss	26 dB min
Level Stability	±0.15 dB/day max
Differential Phase and Gain	2°, 2% max
Peak Deviation	Up to 12 MHz

### Audio Subcarrier

Audio Level (test tone)	+8 dBm APL
Response	±0.5 dBm, 50 Hz to 15 KHz
Input Impedance	600 ohms, balanced
Audio pre-emphasis	75 USEC, CCITT J.17 optional
Audio Deviation of subcarrier	Adjustable to 100 KHz
	RMS at APL
Audio Subcarrier Frequency	4.2 to 8.1 MHz, capability, synthesized, 2 KHz steps
Subcarrier deviation of RF Carrier	adjustable from nominally 5% to 20% of video deviation.

General

Pre-emphasis, Video	CCIR Rec. 405-1
Energy Dispersal Frequency	50/60 Hz
Energy Dispersal Stability	Phase locked to vertical sync
Energy Dispersal Deviation	1 MHz p-p with video, 2 MHz p-p without video.
Alarms	See Table 3-1

Electrical

Voltage	115 VAC, $\pm 10\%$ (230 VAC optional)
Frequency	47 to 63 Hz
Power	100 watts
Phase	Single phase 2 wire and ground

Mechanical

Height	1.75 inches
Width	19 inches
Depth	24 inches
Connectors (Rear Panel)	
Video IN	Type BNC (female)
RF OUT	Type BNC (female)
Alarms/Status	DBMA-25S (25 pin)
Audio Input	Barrier Strip
Weight	Approximately 16 lbs.