

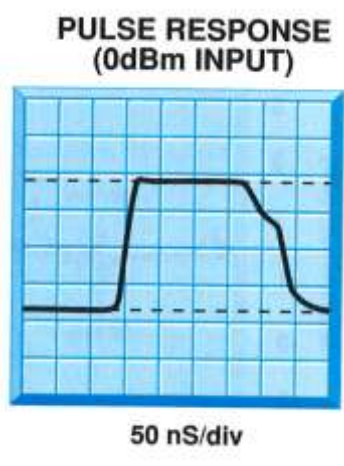
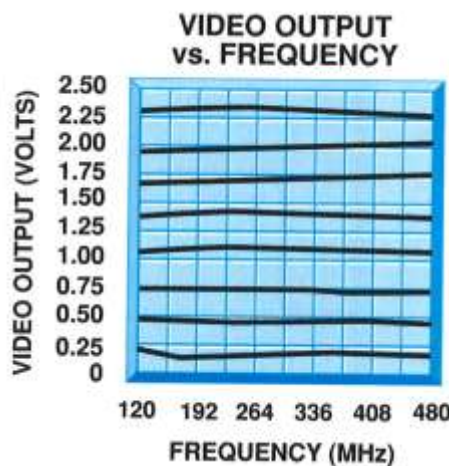
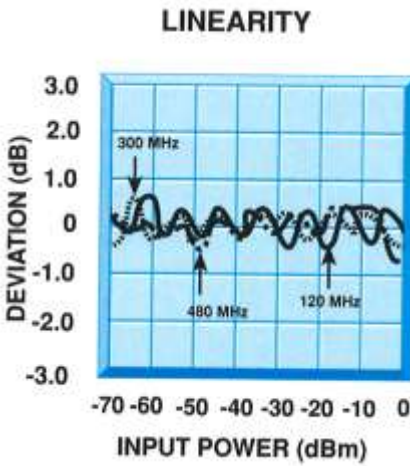
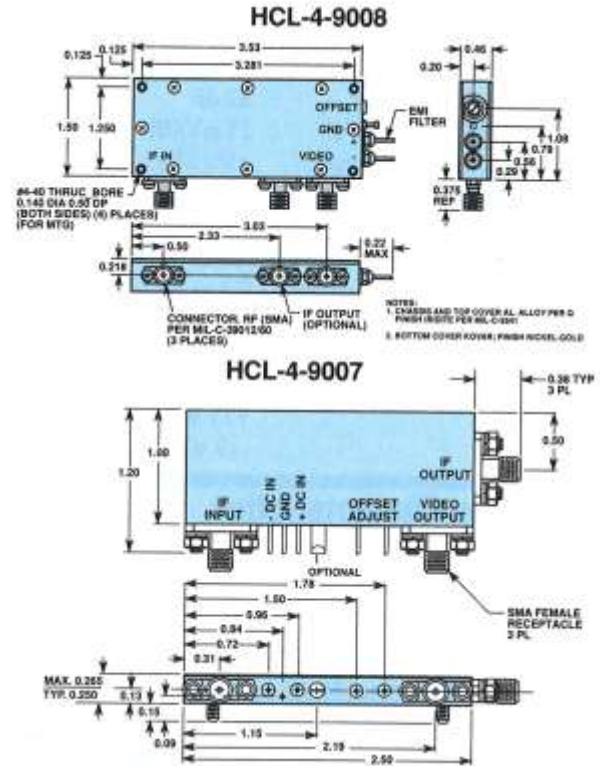
HCL-4-9007 / 9008 300 MHz LOG AMPLIFIERS

TECHNICAL FEATURE

PERFORMANCE

Frequency Range.....	120 to 480 MHz
Dynamic Range.....	0 to -70 dBm
Log Linearity	
@25°C	±1.0 dB
Over Temperature	±1.5 dB
Sensitivity (Slope)	
@25°C	25 mV/dB
Over Temperature	±5% max
Rise Time (10-90%)	30 nS max
Fall Time (90-10%).....	120 nS max
Tangential Sensitivity.....	-70 dBm max
VSWR	
Input	2.0:1 max
Output	2.0:1 max
Limited IF Output.....	0 ±2 dBm
DC Power	+15 VDC @ 85 mA max
.....	-15 VDC @ 180 mA max
Operating Temperature Range.....	-54° to +85° C

MECHANICAL OUTLINE



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