

## K238AB System loss Antenna Gain

Power into Pass/Notch filter TPO	43.25 Watts
Filter Insertion Loss	1.0 dB
Power out of filter	34.35 Watts

Power into Cable	34.35 Watts
Cable loss per 100' at 99.1 Mhz	0.647 dB
Cable length	125'
Calculated Loss	0.8 dB
Power out of Cable	28.5 Watts

Power into Antenna	28.5 Watts
Antenna Gain	-3.4 dB
System ERP	13 Watts