

SAW FILTER SSB MODULATOR : WINNERSAT – WSM 350 VHF (E.2 – S.30) WINNERSAT – WSM 350 UHF (CH.21 - CH.30)



SPECIFICATIONS

1. RF OUTPUT FREQUENCY

RF Output Frequency	45 ~ 750 MHz. (NTSC /PAL-B/ PAL-D available)
Output Level	≥ 115dBu V Per Channel
Output Level Range	≥ 15dB , continuously adjustable by the front panel output level control
Audio / Video Carrier Ration Control	-9dB to -30dB min , continuously adjustable by the front panel output level control
Video Carrier Frequency Tolerance	± 5 KHz Meets FCC Docket 21006 specifications
Audio Carrier Frequency Setting	5.5 MHz. Above video carrier , ± 5KHz
Spurious Output (except for video sidebands) at 115dBuV Output	60dB down , A / V carrier ration -15dB

2. VIDEO

Video Input for 8.18% depth of modulation	1.0 Vp-p max ≥ 90%
Video Input Return Loss	18dB
Video Carrier-to-Noise Ratio in 4 MHz. Bandwidth	60dB
P-P Video to RMZ Hum Ration	60dB
Differential Gain @ 87.5% Modulation	0.4dB
Differential Phase @ 87.5% Modulation	1°
Group Delay	± 40 nsec
Incidental Phase	2.1°

3. AUDIO

Input Impedance	10K Ohms , unbalanced
Input Audio for 25 KHz. Peak Deviation	140m V RMS
Audio Frequency Respones 20Hz to 20KHz	± 1dB Ref. TO Std, 50 uSec. Pre-emphasis (exceeds - 100KHz with pre-emphasis defeated)

4. GENERAL

Power Requirements	220V AC
Temperature Range	0°C to 50° C

