

## UHF TV EXCITER - REPEATER



### SPECIFICATIONS

<b>MODULATOR</b>	
Video carrier frequency:	38,9MHz
Video input level, impedance, connector	1Vpp, 75Ω, BNC (f)
Video bandwidth:	25Hz : 5MHz
Video modulation:	C3F (negative AM with clamper and vestigial side band)
Differential gain:	< 1%
Differential phase:	< 1
Audio subcarrier frequency:	33,4 MHz
Audio input level and impedance	0 dBm, 600Ω
Audio bandwidth:	20Hz : 15KHz
Audio Pre-emphasis:	50μS
Audio harmonic distortion:	< 0,4%
Audio modulation:	FM (F3E) + 50KHz
Output video carrier level:	- 20 : 0dBm
Output audio carrier level (compared to the video carrier):	- 10dB
<b>UPCONVERTER</b>	
Input frequency	I.F. 38,9 MHz (VC) 33,4MHz (AC) (C.C.I.R. B,G)
AGC dynamic range	> 35dB
Group delay	> +40nS
Local oscillators	synthesizer (CH 21-69)
Standard oscillators frequency stability	> + 3p.p.m. (0 : 40 C)
Offset oscillators frequency stability	> + 0,5 p.p.m. (option + 0,25 p.p.m. -10 : +45 C)
Output frequency	UHF 470 - 860 MHz
Output impedance	50Ω