
VHF TV TRANSMITTER

- CH8, 30W

TECHNICAL SPECIFICATIONS

RF

- Frequency: VHF Channel 8 (181.25 MHz)
- Output power: 0 - 30 W (adjustable)
- Output power control: manual
- Local oscillator: 2.0ppm
- Intermodulation: < -60dB (with IF-Pre-corrector)
- Spurious and harmonics level: < -60dB
- RF Output impedance: 50 ohm
- RF Output connector: N Female 45.75

MHz on

AUDIO

- Input impedance: 600 /10k Ohms balanced
- Nominal level: 1 V
- Pre-emphasis: Flat, 50 μ s
- Low-pass filter: 15kHz, 100kHz
- Frequency response: < 0.5dB
- Total harmonic distortion: < 0.5%
- Intermodulation: d2< -60dB, d3< -60dB,
- FM S/N ratio: > 60dB weighted
> 60dB unweighted (ref. 50kHz)
- AM S/N ratio: > 70dB asynchronous
> 50dB synchronous (ref. 100%)

VIDEO

- Input impedance: 75 Ohms
- Nominal level: 1Vpp +6dB
- Group delay pre-corrector 8 cells Group delay < 50ns with professional vestigial filter
- Frequency response: < + 0.5dB
- Differential gain: < + 5%
- Differential phase: < + 5°
- IF: 45.75MHz -1

GENERAL

- Power supply: 110 V - 12.6V/8 A included
- Cabinet Rack: 17"-1U
- Dimensions: 17" x 2" x 8"
- Weight: 7 Lbs
- Temperature: -5° to +45°C