

USM-8D

UHF Consumer Agile Audio-Video RF Modulator



Features

- Single low cost UHF A/V Agile Modulator, UHF band channels 14 to 83, CATV channels 65 to 139
- High Output 7 dBmV minimum 10 dBmV typical provides ample signal for multiple consumer devices

Specification

Output Frequency Range

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|--------|--------------------|
| Output | 470 MHz to 890 MHz |
| Tuning | Agile |

RF Output Level (min)

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| Output | 11 dBmV |
| RF A/V Ratio | -16 dB |

Spurious Output

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| Output | 46 dB |
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| Frequency Stability | ±10 kHz |
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| Video Input Type | Clamped negative sync |
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| Video Input Bandwidth | 4.2 MHz |
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| Video Input Level | 1 Vp-p |
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| Video Input Range | .5 Vp-p to 1 Vp-p |
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Video Frequency

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| Response | ± 1.5 dB |
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| Video Hum and Noise | -60 dB |
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| Audio Input Type | Monaural baseband |
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| Audio Input Level | 0.5 Vp-p |
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Audio Frequency

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| Response | 50 Hz to 15,000 Hz |
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| Audio Pre-emph. | 75 µsec |
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| Video Input Conn. | RCA-Fem |
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|-------------------|---------|
| Audio Input Conn. | RCA-Fem |
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| RF Output Conn. | 75½ F-Fem |
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| Voltage Input | 115 VAC |
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General

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| Dimensions | 3.4" (L) x 1.1" (D) x 3.75" (H) |
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| Weight | 1.15 lb. |
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Ordering Information

USM-8D UHF Consumer Agile Audio-Video RF Modulator (UHF: Ch. 14 to 83, CATV: Ch. 65 to 139)