

FM-2 FM modulator



FM-2 is frequency agile radio modulator for FM broadcast band. It is a versatile instrument for adding digital radio channels and the audio of music TV channels to CATV or MATV network.

Rating: Not Rated Yet
3-5 Days
★★★★

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Description

FM-2 contains a digital phase-lock-loop (PLL) output frequency control system.

Technical specification

RF

Modulation FM max, + 75 kHz
Output frequency 88...108 MHz
Tuning steps 100 kHz
Output level 120 dB μ V
Spurious products < 60 dBc
Output impedance 75 ohm

Audio

Nominal input level 0,5 Vrms
Frequency response 40 Hz...15 kHz + 0,5 dB
Distortion < 0,5 %
Pre-emphasis 50 μ s
Signal to noise ratio > 40 dB
Input impedance 10 kohm

General

Power max. 15 V/450 mA

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Dimensions 110 mm H, 130 mm W, 40 mm D

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