



## TA-45-FM (88-108 MHz) Indoor FM Distribution Amplifier

Model TA-45-FM is designed to boost the FM frequency signal band (88-108 MHz) for signal distribution to as many as 200 outlets.

- High Gain: +45 dB (min)
- High Input Level: up to +10 dBmV (8 chs)
- Flat Frequency Response: +/- .5 dB
- Input Level Control: (20 dB, 75 ohms matched)
- High Performance Input FM Band Pass Filter
- Input Bandpass Option (Shifted Passband): 91 to 108 MHz and reject ch.6 (>40 dB @ ch.6 aural)
- Impedance option: 50 ohms with BNC , N, SMA, e.g., TA-45-FM B50 (BNC 50 ohms option)
- Other FM Distribution amplifier models include: TA-25-FM (+25 dB gain) and TA-36-FM (+36 dB gain)



TA-45-FM

### Specifications

Gain (dB )	45 min
Flatness (dB)	+/- 1.0
Return Loss (dB)	15dB Input & Output
Input Level :	13dBmV /10dBmV
4/8/16 channels	/7dBmV
Out-of -band Attenuation	>45 (dB) (DC-82 MHz; 115-1000 MHz)
Noise Figure	3.5 dB
Gain Control Range	1 dB to 20 dB
Connectors / Impedance	F-type female / 75 ohms
Optional Connectors / Impedance	50 ohms—BNC, N, or SMA
Chassis Dimensions (in)	7L x 2.5H x 4W
Weight (lbs)	1.5
Operating Temp (Celsius)	-10 to +50
Power Requirements	18V DC, 300mA. Adapter included.

### Graph: TA-45-ch.FM Gain

