



**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 +15 dBmV
- 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)



**Specifications**

Gain (dB)	45 min
Response Flatness (dB)	+/- .5
Return Loss (dB)	15 input & 12 output
Input Level (dBmV) 4 channels	15 dBmV
Out-of -band Attenuation (dB)	>45 (DC-82 MHz; 115 -1000 MHz)
Noise Figure (dB)	3.5
Gain Control Range (dB)	20
Connectors / Impedance	F-type female / 75 ohms
Optional Connectors / Impedance	50 ohms—BNC, N, SMA
Dimensions Chassis (in)	16L x 2.25H x 2.25W
Weight (lbs)	2.5
Operating Temp (Celsius)	-10 to +50
Power Requirements	18V DC, 200mA. Adapter included.

