

The **FM7380-6HF** FM HD Broadcast Isolator

The **FM7380-6HF** HD Isolator is designed for digital HD broadcast applications that require extra isolation. The **FM7380-6HF** is inserted between the HD FM Transmitter and its coax system (load) to reduce intermodulation products associated with return analog signals being received by the digital antenna element(s), coupled down the digital coax system and mixed in the output circuit of the HD FM Transmitter. The system design uses a combination of convection and fan assisted cooling. The 115 VAC fan is thermally sensed and activated as required. The isolator is self contained and mounted on a standard EIA 19" rack mount panel for ease of installation. It is suggested that one RU of space be provided above and below the unit for air flow and cooling.

For 500 Watt Application

Built in 250 Watt Termination Load

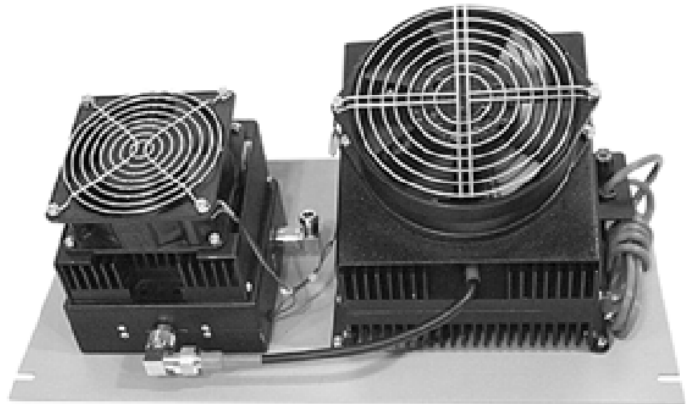
For 88 to 108 MHz.

Low Insertion loss of 0.5 dB

Isolation provided =>32 dB

Small size for easy installation

Factory tested



FM7380-6HF

Specifications:

Frequency Range	88-108 MHz
Power Input	500 Watts
Load Termination	250 Watts
Insertion Loss	0.50 dB
Isolation	at least 32 dB
Tunable Bandwidth	5% f_0
Fixed Bandwidth	1% f_0
Size	8-3/4" x 19" x 9-1/4"
	212 x 483 x 235 mm
Weight	25 lbs (11.4 kg)

Notes:

1. All connections "N" female.
2. Custom mounting brackets available.
3. Assembled outside Jampro factory
4. Specifications subject to change without notice