

FM5COMBINER

5 channel FM cavity combiner, N-type female terminated
VHF FM Radio 87.5-108 MHz



The 5 channel cavity combiners allows for 5 signal inputs to be combined into one output for your transmit antenna.

Suitable for low power FM Radio broadcasters such as local radio stations or shared transmission sites.

FM broadcast antennas, coaxial feeder cable, connectors and lightning protection are all available separately.



Frequency range	87.5-108 MHz - FM Radio
Bandwidth	Specify frequency allocation per channel - 5 channels
Isolator type	Dual stage coaxial isolator/circulator
Minimum channel spacing	150 kHz
Insertion loss	Typical ≤ 4 dB
Tx-Tx Isolation	Typical ≥ 65 dB
Ant-Tx Isolation	Typical ≥ 60 dB
Power handling	300 Watts - per channel
Input VSWR	$\leq 1.25:1$
Output VSWR	$\leq 1.5:1$
Impedance	50 Ohms
Connector	Inputs: N-type female Output: N-type female
Operating temperature	-30°C to $+65^{\circ}\text{C}$
Dimensions	Width: 630mm, Depth: 420mm, Height: 910mm
Weight	85kg
Mounting	Floor mounted or reinforced shelf

Single external antenna configuration

