

VHF Multi coupler(4 Channel)

TECHNICAL DATA SHEET

APMC4-V

APMC4-V Multicoupler filters are designed for minimizing interference from adjacent channels and outside systems. They are available in single, dual, triple or additional units. Selectivity can be determined by the insertion loss of the cavity or by adding cavity units as required. Each cavity is temperature compensated for operation between -40°C to +60°C. Each cavity has a gold alodine finish, silver plated loops, and silver plated tuning rods. Every cavity is equipped with both coarse and fine tuning rods for quick and easy field or lab re-tuning.



Specifications:

Parameter	Specification
Frequency Range	118 – 137 MHz
Insertion Loss per cavity	0.5 to 2 dB
Return Loss	< -14dB
Configuration	Dual Cavity
Filter characteristics	Band Pass
Impedance (Input and Output)	50 Ω
VSWR (Input and Output)	< 1.5:1
Isolation (Output to Output port)	> 20dB
Isolation (Output to Input Port)	> 20dB
Selectivity with 1dB Insertion Loss	>15dB@500kHz Offset Points
Tuning Accuracy	2 KHz
Minimum Channel Separation	100KHz
Connectors (Input and Output)	N-type Female
Number of Ports	4
Dimension	19" Rack mountable

*Note: Specifications may vary as per the requirements

MC-V1-20181115