

VHF band pass filter for the 136 - 174 MHz Band



CP-2-8AQ2 is a VHF band pass filter based on two quarter length, 8 inches width square cavities. Using large cavities provides a high input power rating and this means high quality, resulting in a very narrow pass band.

The cavity design provides excellent frequency stability in the temperature range from - 30 to + 60 C°. Filters are tuned to customer specified frequencies and no future adjustments should be required.



SPECIFICATIONS

ELECTRICAL	
Cavity size	1/4λ, 8"
Frequency Range	136 - 174 MHz
Max. continuous power input	200 W
Number of cavities	3
(0.5dB insertion losses on central F)	-55/1
(2.0dB insertion losses on central F)	-65/1
Nominal impedance	50 Ω
Connector	N (female)
Dimensions (H x W x D)	850x210x420 mm
Weight	7.1 Kg

