

VHF band pass reject duplexer filter for the 136-174 MHz Band



KD2-V-65 is a band pass/reject type VHF duplex filter based on six quarter wave 5 inches width square cavities. Duplexer allows simultaneous operation of transmitter and receiver into a single antenna. Using large 5" cavities provides very high quality, resulting in very close frequency spacing and low insertion losses. The cavity design provides excellent frequency stability in temperature range from - 30 to + 60°C.

Each filter is individually made and tuned, so receive and transmit frequencies should be specified when ordering.



SPECIFICATIONS

ELECTRICAL	
Cavity size	1/4 , 5"
Frequency Range	136-174 MHz
Min. duplex frequency spacing	600 KHz
Max. continuous power input	150 W
Insertion loss	< 2 dB
Tx noise suppression on Rx frequency	> 85 dB
Rx isolation on Tx frequency	> 80 dB
Nominal impedance	50
VSWR	< 1.5
Connector	N (female)
Temperature range	-30 ~ +60 °C
Dimensions (H x W x D)	880x390x260 mm
Weight	13.5 Kg

