



KDC2-V-- 45 is a band pass/reject type VHF duplex filter based on four quarter wave 8 inches width round cavities. Duplexer allows simultaneous operation of transmitter and receiver into a single antenna. Using large 8" cavities provides very high quality Factor resulting in very close frequency spacing and low insertion losses. The cavity design provides excellent frequency stability in 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 , 8"
Frequency Range	136-174 MHz
Min. duplex frequency spacing	600 KHz
Max. continuous power input	150 W
Insertion loss	< 1.5 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)	880x260x260 mm
Weight	9.5 Kg

