



KD70-V65 is a band pass/reject type UHF 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	380-512 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	> 85 dB
Nominal impedance	50
VSWR	< 1.5
Connector	N (female)
Temperature range	-30 ~ +60 °C
Dimensions (H x W x D)	400x390x260 mm
Weight	8.8 Kg

