



KDC70-V65 is a band pass/reject type UHF duplex filter based on six 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, 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 , 8" |
| Frequency Range | 380-512 MHz |
| Min. duplex frequency spacing | 500 KHz |
| Max. continuous power input | 150 W |
| Insertion loss | < 2 dB |
| Tx noise suppression on Rx frequency | > 95 dB |
| Rx isolation on Tx frequency | > 85 dB |
| Nominal impedance | > 50 Ohm |
| VSWR | < 1.5 |
| Connector | N (female) |
| Temperature range | -30 ~ +60 °C |
| Dimensions (H x W x D) | 400x390x260 mm |
| Weight | 8.8 Kg |

