

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



FR-263 is a compact “band pass – band reject” filter based on six helical resonators. This filter can be used to protect the receiver against interference from a nearby transmitter. Pass/reject filters are useful when the spacing between RX frequency and the interfering signal is so small that the normal pass filters or reject filters are not enough to provide adequate rejections.

Filters are tuned to customer specified pass/reject frequencies and no further adjustments should be required.



SPECIFICATIONS

| ELECTRICAL                  |              |
|-----------------------------|--------------|
| Cavity size                 | 23x23 mm     |
| Frequency Range             | 136 -174 MHz |
| Duplex frequency spacing    | 4-15 Mhz     |
| Max. continuous power input | 50 W         |
| Insertion loss              | < 2,5 dB     |
| Reject attenuation          | > 80 dB      |
| Nominal impedance           | 50 Ω         |
| SWR                         | < 1.5        |
| Connector                   | N (female)   |
| Temperature range           | -30 ~ +60 °C |
| Weight                      | 1.0 Kg       |

