

VHF band pass filter for the 136-174 MHz Band



KFP-2 34 is a compact VHF band pass filter based on four rectangular resonators. The filter can be used to protect the receiver against interferences from transmissions out of the pass band, or it can be used to reduce the spurious output from the transmitter. Filters are tuned to customer specified pass frequencies and no further adjustments should be required.



SPECIFICATIONS

| ELECTRICAL                  |                |
|-----------------------------|----------------|
| Cavity size                 | 26x26 mm       |
| Frequency Range             | 136 -174 MHz   |
| Attenuation -3 dB           | 2.5 Mhz        |
| Attenuation -10 dB          | 6.5 Mhz        |
| Attenuation -20 dB          | 12 Mhz         |
| Insertion losses            | < 1 dB         |
| Max. continuous power input | 50 W           |
| Nominal impedance           | 50 Ω           |
| SWR                         | < 1.5          |
| Connector                   | N (female)     |
| Temperature range           | -30 ... +60 °C |
| Dimensions (H x W x D)      | 33x77x160 mm   |
| Weight                      | 0.42 Kg        |

