

Datasheet

FP-4

VHF 80 MHz 50 Watts Helical Band Pass Filter

- For use in repeaters and full duplex radios.
- Steel chassis with aluminium extruded resonators.
- High Q helical silver plated resonators.
- Easy tuning.
- FP-434: 3 resonators
- FP-434-A: 3 resonators
- FP-464: 6 resonators

ELECTRICAL SPECIFICATIONS

|                     |  |
|---------------------|--|
| Type                | VHF - Helical Band Pass Filter                             |
| Frequency           | 66 - 88 MHz  |
| Bandwidth           | FP-434/434-A: 1.0 MHz<br>FP-464                            |
| Maximum Input Power | 50 Watts   |
| Insertion loss      | FP-434: ≤ 1.2 dB<br>FP-434-A: ≤ 0.6 dB<br>FP-464: ≤ 1.6 dB |
| Attenuation         | See curve  |
| VSWR                | ≤ 1:1.5  |
| Impedance           | 50 Ohm   |
| Frequency Stability | 9 ppm/°C (approx.)   |



MECHANICAL SPECIFICATIONS

|                       |  |
|-----------------------|--|
| Color                 | Black Grey (RAL7021)                                       |
| Dimension             | FP-434/434-A: 232 x 80 x 33 mm<br>FP-464: 232 x 154x 33 mm |
| Weight                | FP-434/434-A: 0.9 kg<br>FP-464: 1.7 kg                     |
| Operating Temperature | -30°C to +60°C   |
| Connector             | Type N-female  |
| Serial no.            | On product label   |

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ORDERING INFORMATION

|          |                     |
|----------|---------------------|
| FP-434   | Not tuned<br>In Box |
| FP-434-A | Not tuned<br>In Box |
| FP-464   | Not tuned<br>In Box |

