

Datasheet

1 / 2

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 FP-464
Maximum Input Power	50 Watts
Insertion loss	FP-434: ≤ 1.2 dB FP-434-A: ≤ 0.6 dB FP-464: ≤ 1.6 dB
Attenuation	See curve
VSWR	$\leq 1:1.5$
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 FP-464: 232 x 154 x 33 mm
Weight	FP-434/434-A: 0.9 kg FP-464: 1.7 kg
Operating Temperature	-30°C to +60°C
Connector	Type N-female
Serial no.	On product label

ORDERING INFORMATION

FP-434	Not tuned In Box
FP-434-A	Not tuned In Box
FP-464	Not tuned In Box

