

## Datasheet

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# FP-2

## VHF 150 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-234: 3 resonators
- FP-234-A: 3 resonators
- FP-264: 6 resonators



## ELECTRICAL SPECIFICATIONS

Type	VHF - Helical Band Pass Filter
Frequency	134 - 175 MHz
Bandwidth	FP-234: 1.0 MHz FP-234-A: 5.0 MHz FP-264: 5.0 MHz
Maximum Input Power	50 Watts
Insertion loss	FP-234: $\leq 1.1$ dB FP-234-A: $\leq 0.8$ dB FP-264: $\leq 1.5$ 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-234&234-A: 180 x 80 x 33 mm FP-264: 180 x 154 x 33 mm
Weight	FP-234: 0.5 kg FP-264: 0.9 kg
Operating Temperature	-30°C to +60°C
Connector	Type N-female
Serial no.	On product label

ORDERING INFORMATION

FP-234	Not tuned In Box
FP-234-A	Not tuned In Box
FP-264	Not tuned In Box

