

Datasheet

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FP-3

VHF FM 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-334: 3 resonators
- FP-335: 3 resonators
- FP-364: 6 resonators



ELECTRICAL SPECIFICATIONS

Type	VHF - Helical Band Pass Filter
Frequency	88 - 108 MHz
Bandwidth	FP-334: 1 MHz FP-335: 0.2 MHz FP-364: 1 MHz
Maximum Input Power	50 Watts
Insertion loss	FP-334: ≤ 1.2 dB FP-335: ≤ 4.0 dB FP-364: ≤ 1.4 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-334/-335: 207 x 80 x 33 mm FP-364: 207 x 154 x 33 mm
Weight	FP-334/-335: 0.7 kg FP-364: 1.3 kg
Operating Temperature	-30°C to +60°C
Connector	Type N-female
Serial no.	On product label

ORDERING INFORMATION

FP-334	Not tuned In Box
FP-335	Not tuned In Box
FP-364	Not tuned In Box

