

Datasheet

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FP-70

UHF 450 MHz 50 Watts Band Pass Filter

For use in repeaters and full duplex radios.

- Steel chassis with aluminium $1/4 \lambda$ extruded resonators.
- High Q silver plated resonators.
- Easy tuning.
- FP-7034/7035: 3 resonators
- FP-7064: 6 resonators



ELECTRICAL SPECIFICATIONS

Type	UHF - Band Pass Filter
Frequency	375 - 512 MHz
Bandwidth	FP-7034: 2.0 MHz FP-7035: 0.5 MHz FP-7064: 5.0 MHz
Maximum Input Power	50 Watts
Insertion loss	FP-7034: ≤ 1.3 dB FP-7035: ≤ 2.0 dB FP-7064: ≤ 2.0 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-7034\7035: 240 x 80 x 33 mm FP-7064: 240 x 154 x 33 mm
Weight	FP-7034\7035: 0.9 kg FP-7064: 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-7034	Not tuned In Box
FP-7035	Not tuned In Box
FP-7064	Not tuned In Box

