

FP-70 Series

UHF 450 MHz 50 Watts Band Pass Filter

For use in repeaters, full duplex radios and radio systems.

- Steel chassis with aluminium 1/4 λ extruded cavities.
- High Q silver plated resonators.
- Easy tuning in the entire band.
- Versions for 375–400 MHz and 475–512 MHz available upon request.
- FP-7034/7035: 3 cavities
- FP-7064: 6 cavities

ELECTRICAL SPECIFICATIONS

Type	UHF - Band Pass Filter
Frequency	400 - 470 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: ≤3.0 dB FP-7064: ≤2.0 dB
Attenuation	See curve
VSWR	≤ 1:1.5
Impedance	50 Ohm
Frequency Stability	9 ppm/°C (approx.)



MECHANICAL SPECIFICATIONS

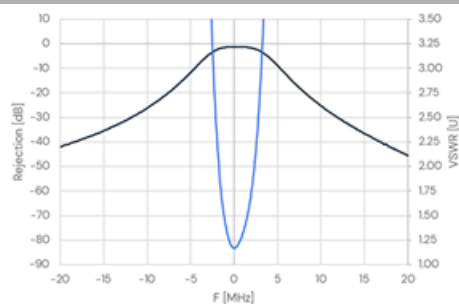
Color	Black Grey (RAL7021)
Dimension	FP-7034\7035: 240 x 80 x 33 mm FP-7064: 240 x 154 x 33 mm
Weight	FP-7034\7035: 0.9 kg FP-7064: 1.7 kg
Operating Temperature	-30°C to +60°C
Connector	Type N-female
Serial no.	On product label

ORDERING INFORMATION

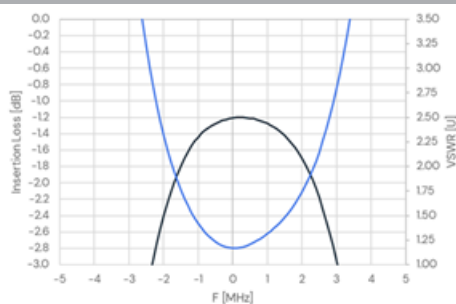
FP-7034	Not tuned In Box
FP-7035	Not tuned In Box
FP-7064	Not tuned In Box

Datasheet

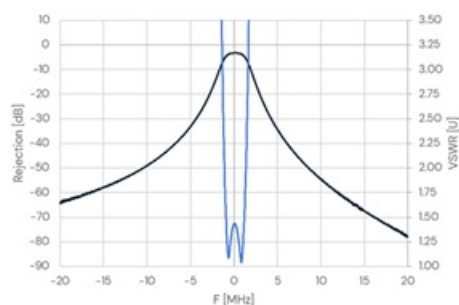
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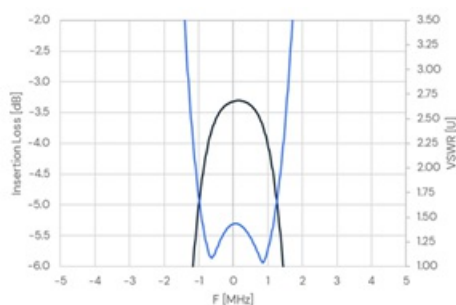
— FP-7034 - IL — FP-7034 - VSWR



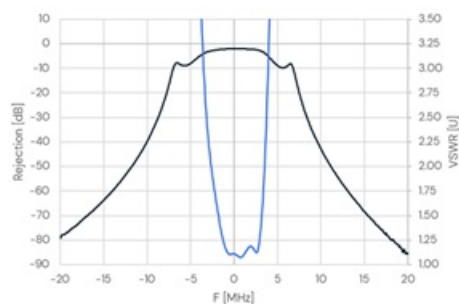
— FP-7034 - IL — FP-7034 - VSWR



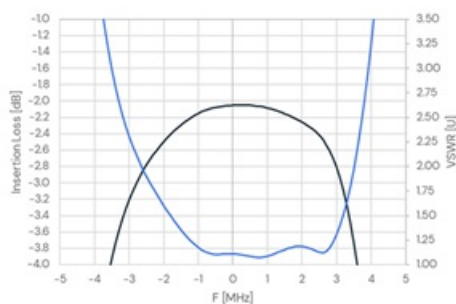
— FP-7035 - IL — FP-7035 - VSWR



— FP-7035 - IL — FP-7035 - VSWR



— FP-7064 - IL — FP-7064 - VSWR



— FP-7064 - IL — FP-7064 - VSWR