

## Datasheet

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## FR-4

## VHF 80 MHz 50 Watts Helical Reject Filter

- For use in repeaters and full duplex radios.
- Steel chassis with teflon isolators and aluminium extruded cavities.
- High Q helical silver plated resonators.
- Easy tuning.
- FR-433: 3 resonators
- FR-433-IN: 3 resonators
- FR-433-SU: 3 resonators



## ELECTRICAL SPECIFICATIONS

Type	VHF - Helical reject Filter
Frequency	66 - 88 MHz
Bandwidth	See curves
Maximum Input Power	50 Watts
Insertion Loss	≤ 1.0 dB
Attenuation	FR-433: ≥ 60 dB FR-433-IN/-SU: ≥ 80 dB
VSWR	≤ 1:1.5
Impedance	50 Ohm
Frequency Stability	9 ppm/°C (approx.)

## MECHANICAL SPECIFICATIONS

Color	Black Grey (RAL7021)
Dimension	245 x 80 x 33 mm
Weight	0.9 kg
Operating Temperature	-30°C to +60°C
Connector	Type N-female
Serial no.	On product label

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ORDERING INFORMATION

FR-433	Not tuned In Box
FR-433-IN	Not tuned In Box
FR-433-SU	Not tuned In Box

