

## Datasheet

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## FR-2

## VHF 150 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-233: 3 resonators
- FR-233-IN: 3 resonators
- FR-233-SU: 3 resonators



## ELECTRICAL SPECIFICATIONS

Type	VHF - Helical reject Filter
Frequency	134 - 175 MHz
Bandwidth	See curves
Maximum Input Power	50 Watts
Insertion Loss	≤ 1.0 dB
Attenuation	FR-233: ≥ 60 dB FR-233-IN/-SU: ≥ 80 dB
VSWR	≤ 1:1.5
Impedance	50 Ohm
Frequency Stability	9 ppm/°C (approx.)

## MECHANICAL SPECIFICATIONS

Color	Black Grey (RAL7021)
Dimension	211 x 80 x 33 mm
Weight	0.5 kg
Operating Temperature	-30°C to +60°C
Connector	Type N-female
Serial no.	On product label

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ORDERING INFORMATION

FR-233	Not tuned In Box
FR-233-IN	Not tuned In Box
FR-233-SU	Not tuned In Box

