

CPR-2-200 Series

VHF 150 MHz Cavity (200 mm) Band Pass/Band Reject Filter

- For use in repeaters, full duplex radios and basestations.
- High Q for narrow passband
- High power.
- Suitable for 19" rack mounting.
- Very good temperature and power stability.

ELECTRICAL SPECIFICATIONS

Type	VHF - Cavity Band Pass/Band Reject Filter
Frequency	136 - 175 MHz
Insertion Loss	CPR-2-200-1: 0.4 - 2.0 dB CPR-2-200-2: 0.8 - 4.0 dB
Max. Input Power	CPR-2-200-1: 150 W @ 2.0 dB IL, 300 W @ 0.5 dB IL CPR-2-200-2: 150 W @ 4.0 dB IL, 300 W @ 1.0 dB IL
Attenuation	See diagram
Frequency Stability	1.5 ppm / °C
VSWR	≤ 1.5:1
Impedance	50 Ohm

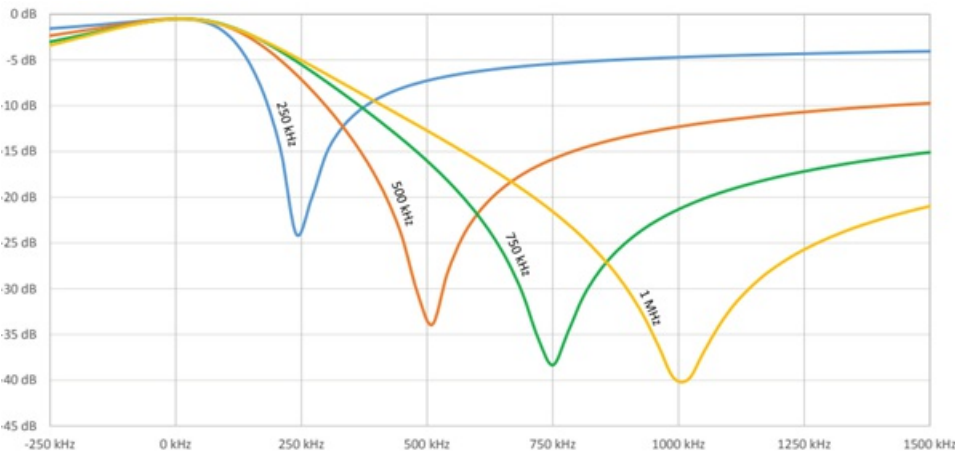


MECHANICAL SPECIFICATIONS

Color	Black Grey (RAL7016)
Dimension	CPR-2-200-1: Ø 200 x 750 mm + tuning screw CPR-2-200-2: Two of, Ø 200 x 750 mm + tuning screw
Weight	CPR-2-200-1: Approx. 4.4 kg CPR-2-200-2: Approx. 9.0 kg
Mounting	Integrated M5 mounting holes, for horizontal rack mounting. Rack mounting (19") options available.
Connector	Type N-female
Operating Temperature	-30°C to +60°C
Serial No.	On product label

ORDERING INFORMATION

CPR-2-200-1	One Cavity (136 - 174 MHz) Specify tuning frequency when ordering
CPR-2-200-2	Two Cavity (136 - 174 MHz) Specify tuning frequency when ordering



CPR-2-200-1, IL = 0.5 dB @ 25 °C