CPR-70-200 Series

UHF 450 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	UHF - Cavity Band Pass/Band Reject Filter
Frequency	380 - 512 MHz
Insertion Loss	CPR-70-200-1: 0.4 - 2.0 dB CPR-70-200-2: 0.8 - 4.0 dB
Max. Input Power	CPR-70-200-1: 150 W @ 2.0 dB IL, 300 W @ 0.5 dB IL CPR-70-200-2: 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

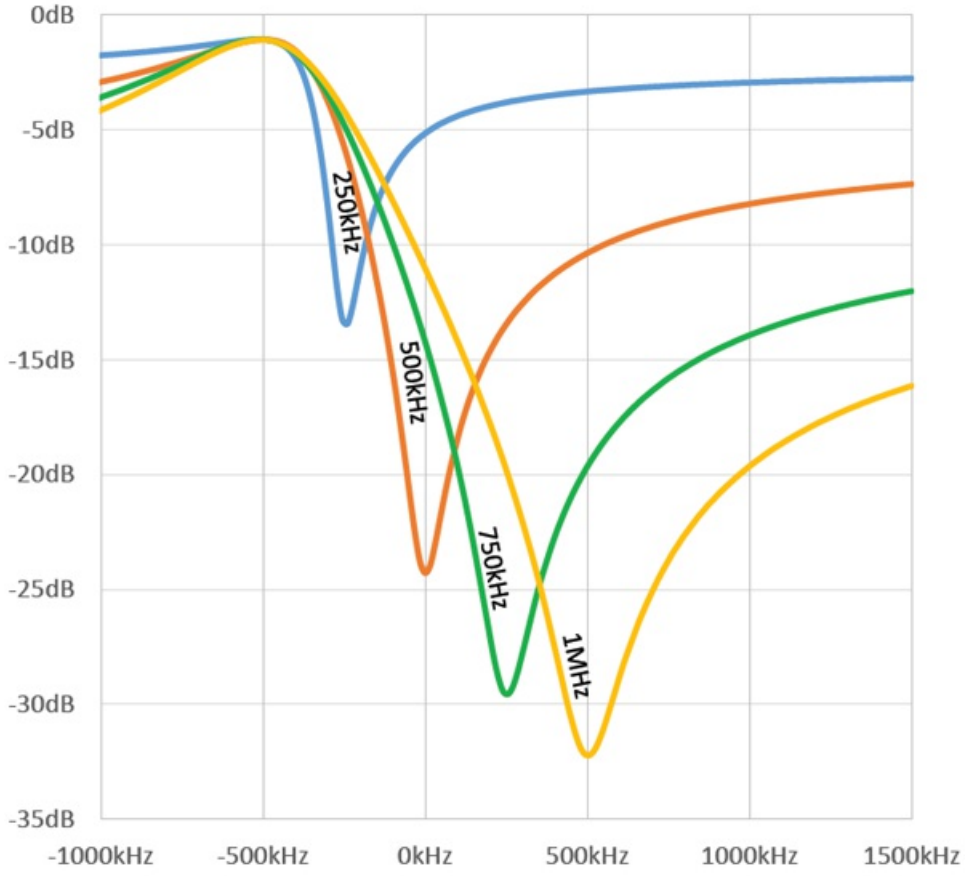
MECHANICAL SPECIFICATIONS

Color	Black Grey (RAL7016)
Dimension	CPR-70-200-1: Ø 200 x 220mm + tuning screw CPR-70-200-2: Two of, Ø 200 x 220 mm + tuning screw
Weight	CPR-70-200-1: Approx. 2.2kg CPR-70-200-2: Approx. 4.6 kg
Mounting	Integrated M5 mounting holes, for horizontal rack mounting. Rack mounting (19'') options available.
Operating Temperature	-30°C to +60°C
Connector	Type N-female
Serial No.	On product label

Disclaimer: Here you find all products for a complete antenna system. One-stop supplier with focus on high quality products produced in EU. No matter which type of antenna you are searching for, you will find it here. Every effort has been made to ensure the accuracy of the information in this product sheet. Scan Antenna reserves the right to introduce changes to this information without notice. All rights reserved.

ORDERING INFORMATION

CPR-70-200-1	One Cavity (136 - 174 MHz) Specify tuning frequency when ordering
CPR-70-200-2	Two Cavity (136 - 174 MHz) Specify tuning frequency when ordering



CPR-70-200-1, IL = 1.0 dB @ 25 °C

Disclaimer: Here you find all products for a complete antenna system. One-stop supplier with focus on high quality products produced in EU. No matter which type of antenna you are searching for, you will find it here. Every effort has been made to ensure the accuracy of the information in this product sheet. Scan Antenna reserves the right to introduce changes to this information without notice. All rights reserved.