CP-70-250 Series

UHF 450 MHz Cavity (250 mm) Band Pass 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 Filter
Frequency	380 - 512 MHz (A/B/C)
Insertion loss	CP-70-200-1: 0.4 - 2.0 dB CP-70-200-2: 0.8 - 4.0 dB
Maximum Input Power	CP-70-200-1: 150 W @ 2.0 dB IL, 300 W @ 0.5 dB IL CP-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	CP-70-200-1: Ø 200 x 220 mm + tuning screw CP-70-200-2: Two of: Ø 200 x 220 mm + tuning screw
Weight	CP-70-200-1: Approx. 2.2 kg CP-70-200-2: Approx. 4.6 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

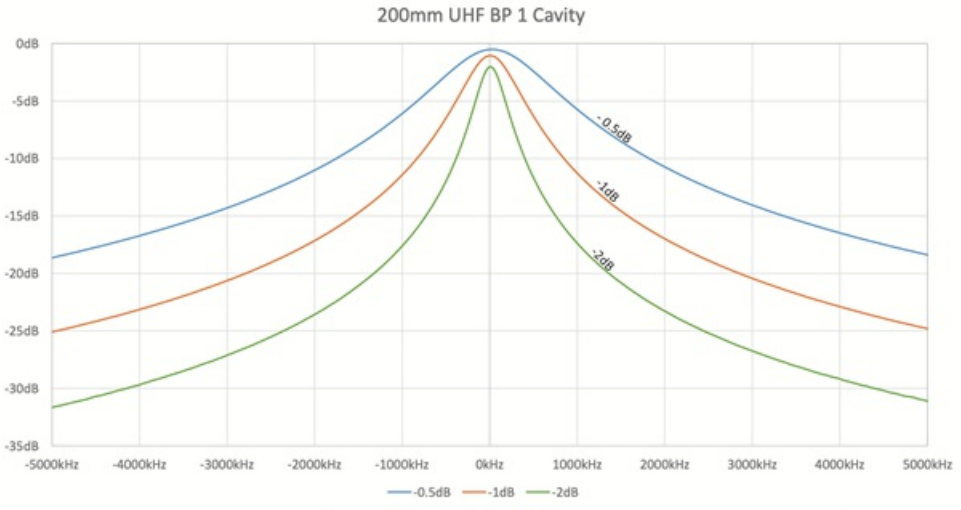
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ORDERING INFORMATION

CP-70-250-1	One Cavity (380 - 512 MHz) Specify tuning frequency when ordering
CP-70-250-2	Two Cavities (380 - 512 MHz) Specify tuning frequency when ordering

PACKAGING INFORMATION

Type	Box



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