

CP-2-250 Series

VHF 150 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	VHF - Cavity Band Pass Filter
Frequency	136 - 175 MHz
Insertion loss	CP-2-250-1: 0.4 - 2.0 dB CP-2-250-2: 0.8 - 4.0 dB CP-2-250-3: 1.2 - 6.0 dB
Maximum Input Power	CP-2-250-1: 150 W @ 2.0 dB IL, 300 W @ 0.5 dB IL CP-2-250-2: 150 W @ 4.0 dB IL, 300 W @ 1.0 dB IL CP-2-250-3: 150 W @ 6.0 dB IL, 300 W @ 1.5 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-2-250-1: Ø 250 x 750 mm + tuning screw CP-2-250-2: Two of, Ø 250 x 750 mm + tuning screw CP-2-250-3: Three of, Ø 250 x 750 mm + tuning screw
Weight	CP-2-250-1: Approx. 4.75 kg CP-2-250-2: Approx. 9.70 kg CP-2-250-3: Approx. 14.65 kg
Operating Temperature	-30°C to +60°C
Connector	Type N-female
Serial no.	On product label

Datasheet

ORDERING INFORMATION

CP-2-250-1	One Cavity (136 - 174 MHz) Specify tuning frequency
CP-2-250-2	Two Cavities (136 - 174 MHz) Specify tuning frequency
CP-2-250-3	Three Cavities (136 - 174 MHz) Specify tuning frequency

PACKAGING INFORMATION

