Datasheet

CR-2-250 Series

VHF 150 MHz Cavity (250 mm) 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

| Туре | VHF - Cavity Band Reject Filter |
|------------------------|--|
| Frequency | 136 - 175 MHz |
| Insertion loss | CR-2-250-1: 0.4 - 2.0 dB CR-2-250-2: 0.8 - 4.0 dB CR-2-250-3: 1.2 - 6.0 dB |
| Maximum Input Power | CR-2-250-1: 150 W @ 2.0 dB IL, 300 W @ 0.5 dB IL CR-2-250-2: 150 W @ 4.0 dB IL, 300 W @ 1.0 dB IL CR-2-250-3: 150 W @ 6.0 dB IL, 300 W @ 1.5 dB IL |
| Frequency Stability | 1.5 ppm / °C |
| VSWR | ≤ 1.5:1 |
| Impedance | 50 Ohm |



MECHANICAL SPECIFICATIONS

| Color | Black Grey (RAL7016) |
|--------------------------|---|
| Dimension | CR-2-250-1: Ø 250 x 750 mm + tuning screw CR-2-250-2: Two of, Ø 250 x 750 mm + tuning screw CR-2-250-3: Three of, Ø 250 x 750 mm + tuning screw |
| Weight | CR-2-250-1: Approx. 4.75 kg CR-2-250-2: Approx. 9.70 kg CR-2-250-3: Approx. 14.65 kg |
| Operating Temperature | -30°C to +60°C |
| Connector | Type N-female |
| Serial no. | On product label |

SCAN ANTENNA A/S | LITERBUEN 15 | 2740 SKOVLUNDE | DENMARK | +45 +454333 1620 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.

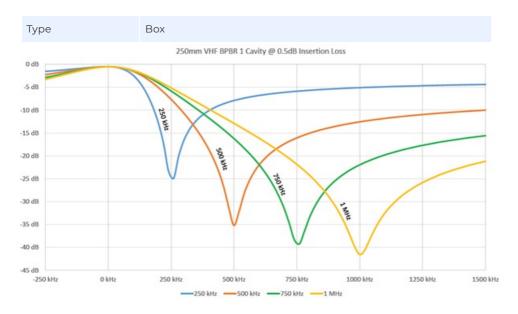
Scan-Antenna®

Datasheet

ORDERING INFORMATION

| CR-2-250-1 | One Cavity (136 - 174 MHz) Specify tuning frequency |
|------------|---|
| CR-2-250-2 | Two Cavites (136 - 174 MHz) Specify tuning frequency |
| CR-2-250-3 | Three Cavites (136 - 174 MHz) Specify tuning frequency |

PACKAGING INFORMATION



SCAN ANTENNA A/S | LITERBUEN 15 | 2740 SKOVLUNDE | DENMARK | +45 +454333 1620 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.