

DC-2-150

VHF 150 MHz Cavity Duplex Filter

- High Power Cavity Duplex Filter
- For use in repeaters, full duplex radios and base stations.
- Four or six Cavities - 150 mm (5 ") Cavity size.
- High Q - Small Duplex Spacing
- Easy tuning.

ELECTRICAL SPECIFICATIONS

| | |
|---------------------------|---|
| Type | VHF - Cavity Duplex Filter |
| Model | DC-2AQ - 4 Cavities DC-2AQS - 6 Cavities |
| Frequency | 136 - 174 MHz |
| Spacing | DC-2AQ: > 0.8 MHz DC-2AQS: > 0.5 MHz |
| Insertion loss | DC-2AQ: < 1.5 dB DC-2AQS: < 2.0 dB |
| Isolation (Suppresion) | DC-2AQ: Single channel ≥ 70 dB DC-2AQS: Single channel ≥ 80 dB |
| VSWR | ≤ 1:1.5 |
| Impedance | 50 Ohm |
| Maximum Input Power | 150 Watts |
| Frequency Stability | 0.9 ppm/°C (approx.) |



Datasheet

MECHANICAL SPECIFICATIONS

| | |
|-----------------------|---|
| Color | Black Grey (RAL7021) |
| Dimension | DC-2AQ: 620 x 150 x 150 mm DC-2AQS: 620 x 300 x 300 mm |
| Weight | DC-2AQ: 16,8 kg DC-2AQS: 25,2 kg |
| Operating Temperature | -30°C to +60°C |
| Connector | Type N-female |
| Serial no. | On product label |

ORDERING INFORMATION

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|---------|--------------------------------------|
| DC-2AQ | Four Cavities Not tuned In Box |
| DC-2AQS | Six Cavities Not tuned In Box |

