

DU-56

6-Cavity 50 Watts VHF Low 50 MHz Duplex Filter

- For use in repeaters and full duplex radios.
- Steel chassis with aluminium extruded cavities.
- High Q helical silver plated resonators.
- Easy tuning.
- Option for Rack Mount.

ELECTRICAL SPECIFICATIONS

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|---------------------------|--|
| Type | VHF - 6 Cavity Duplex Filter |
| Frequency | L: 33 - 44 MHz M: 44 - 55 MHz H: 55 - 66 MHz |
| Spacing | 5 MHz |
| Insertion loss | ≤ 1.0 dB |
| Isolation (Suppresion) | Single channel ≥ 80 dB |
| VSWR | ≤ 1:1.5 |
| Impedance | 50 Ohm |
| Maximum Input Power | 50 Watts |
| Frequency Stability | 9 ppm/°C (approx.) |

MECHANICAL SPECIFICATIONS

| | |
|--------------------------|--------------------------------|
| Color | Black Grey (RAL7021) |
| Dimension | 430 x 156 x 33 mm |
| Weight | 2 kg |
| Operating Temperature | -30°C to +60°C |
| Connector | Type N-female (other optional) |
| Serial no. | On product label |

ORDERING INFORMATION

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|----------|------------------------------------|
| DU-562-L | L: 33 - 44 MHz, 5 MHz Not tuned |
| DU-562-M | M: 44- 55 MHz, 5 MHz Not tuned |
| DU-562-H | H: 55 - 66 MHz, 5 MHz Not tuned |