

# 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

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

Datasheet

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ORDERING INFORMATION

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