

Datasheet

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DU-165

6-Cavity 50 Watts UHF Low 350 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.



ELECTRICAL SPECIFICATIONS

Type	UHF - 6 Cavity Duplex Filter
Frequency	300- 360 MHz
Spacing	5 MHz 10 MHz
Insertion loss	≤ 1.2 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	193 x 156 x 33 mm
Weight	700 g.
Operating Temperature	-30°C to +60°C
Connector	Type N-female (other optional)
Serial no.	On product label

ORDERING INFORMATION

DU-165-S	300-360 MHz, 5 MHz Not tuned
DU-160-H	300-360 MHz, 10 MHz Not tuned