

DUPT-26

6-Cavity 150 Watts VHF 150 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 High Power Duplex Filter
Frequency	LL: 136 - 144 MHz L: 144 - 162 MHz H: 158 - 175 MHz
Spacing	4-7 MHz 8-12 MHz
Insertion loss	4-7 MHz: ≤ 0.8 dB 8-12 MHz: ≤ 0.6 dB Multi Channel: ≤ 1.0 dB
Isolation - Single Channel	≥ 90 dB
Isolation - Multi Channel	4-7 MHz: ≥ 70 dB @ BW = 1.5 MHz 8-12 MHz: ≥ 70 dB @ BW = 2.0 MHz
VSWR	$\leq 1:1.5$
Impedance	50 Ohm
Maximum Input Power	150 Watts
Frequency Stability	9 ppm/°C (approx.)

Datasheet

2 / 2

MECHANICAL SPECIFICATIONS

Color	Black Grey (RAL7021)
Dimension	310x 180 x 55 mm
Weight	2.0 kg
Operating Temperature	-30°C to +60°C
Connector	Type N-female
Serial no.	On product label

ORDERING INFORMATION

DUPT-262-LL	LL: 136- 144 MHz, 4-7 MHz Not tuned
DUPT-262-LL R	LL: 136- 144 MHz, 4-7 MHz Not tuned For Rack Mounting
DUPT-262-L	L: 144 - 162 MHz, 4-7 MHz Not tuned
DUPT-260-L	L: 144 - 162 MHz, 8-12 MHz Not tuned
DUPT-260-L R	L: 144 - 162 MHz, 8-12 MHz Not tuned For Rack Mounting
DUPT-262-L R	L: 144 - 162 MHz, 4-7 MHz Not tuned For Rack Mounting
DUPT-262-H	H: 158 - 175 MHz, 4-7 MHz Not tuned
DUPT-262-H R	H: 158 - 175 MHz, 4-7 MHz Not tuned For Rack Mounting
DUPT-260-H	H: 158 - 175 MHz, 8-12 MHz Not tuned
DUPT-260-H R	H: 158 - 175 MHz, 8-12 MHz Not tuned For Rack Mounting