

# DUPT-706

## 6-Cavity 150 Watts UHF 400 MHz Duplex Filter

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

## ELECTRICAL SPECIFICATIONS

Type	UHF- 6 Cavity High Power Duplex Filter
Frequency	T: 375 - 400 MHz L: 400 - 440 MHz H: 440 - 475 MHz HH: 475 - 512 MHz
Spacing	5-8 MHz 8-13 MHz
Insertion loss	5-8 MHz: $\leq 1.0$ dB 8-13 MHz: $\leq 0.8$ dB Multi Channel $\leq 1.5$ dB
Isolation - Single Channel	$\geq 90$ dB
Isolation - Multi Channel	5-8 MHz: $\geq 75$ dB @ BW = 1.0 MHz 8-13 MHz: $\geq 75$ 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	310 x 240 x 55 mm
Weight	2.5 kg
Operating Temperature	-30°C to +60°C
Connector	Type N-female
Serial no.	On product label

## ORDERING INFORMATION

DUPT-7062-T	T: 375 - 400 MHz, 8-13 MHz Not tuned
DUPT-7062-T R	T: 375 - 400 MHz, 8-13 MHz Not tuned For Rack Mounting
DUPT-7065-L	L: 400 - 440 MHz, 5-8 MHz Not tuned
DUPT-7065-L R	L: 400 - 440 MHz, 5-8 MHz Not tuned For Rack Mounting
DUPT-7062-L	L: 400 - 440 MHz, 8-13MHz Not tuned
DUPT-7062-L R	L: 400 - 440 MHz, 8-13 MHz Not tuned For Rack Mounting
DUPT-7065-H	H: 440 - 475 MHz, 5-8 MHz Not tuned
DUPT-7065-H R	H: 440 - 475 MHz, 5-8 MHz Not tuned For Rack Mounting
DUPT-7062-H	H: 440 - 475 MHz, 8-13 MHz Not tuned
DUPT-7062-H R	H: 440 - 475 MHz, 8-13 MHz Not tuned For Rack Mounting