

## Datasheet

1 / 2

# MI-706

## 6-Cavity 25 Watts UHF 450 MHz Miniplexer

- For use in repeaters and full duplex radios.
- Steel chassis with aluminium extruded cavities.
- High Q Helical silver plated resonators.

### ELECTRICAL SPECIFICATIONS

Type	UHF - 6 Cavity Low Power Duplexer
Frequency	L: 400 - 440 MHz H: 440 - 475 MHz
Spacing	5 MHz 10 MHz
Insertion loss	5 MHz: $\leq 1.5$ dB 10 MHz: $\leq 1.2$ dB
Isolation (Suppresion)	5 MHz: $\geq 75$ dB 10 MHz: $\geq 80$ dB
VSWR	$\leq 1:1.5$
Impedance	50 Ohm
Maximum Input Power	25 Watts
Frequency Stability	9 ppm/°C (approx.)



### MECHANICAL SPECIFICATIONS

Color	Black Grey (RAL7021)
Dimension	135 x 156 x 33 mm
Weight	0.6 kg
Operating Temperature	-30°C to +60°C
Connector	Type-N female
Serial no.	On product label

## ORDERING INFORMATION

MI-7065-L	L: 400 - 440 MHz, 5 MHz Not tuned
MI-7062-L	L: 400 - 440 MHz, 10 MHz Not tuned
MI-7065-H	H: 440 - 475 MHz, 5 MHz Not tuned
MI-7062-H	H: 440 - 475 MHz, 10 MHz Not tuned