

Datasheet

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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: ≤ 1.5 dB 10 MHz: ≤ 1.2 dB
Isolation (Suppresion)	5 MHz: ≥ 75 dB 10 MHz: ≥ 80 dB
VSWR	$\leq 1.5:1$
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