

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 | $\leq 1:1.5$ |
| 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 |