

## Datasheet

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# DXF450

## 6-Cavity UHF 450 MHz Duplexer

DXF450 is a 6-cavity UHF 450 MHz duplexer for duplex transceivers.

The Duplexer is a compact unit intended for equipment, with TX and RX spacing of 5 - 7 and 9 - 13 MHz

Possible to operate on several multi-channels on TX and RX

DXF450 provide superior performance and may also be used as low-power base station duplexer

- Adjustable within 406 – 470 MHz
- 50 Watts power handling
- Compact mobile duplexer



## ELECTRICAL SPECIFICATIONS

Type	UHF - 6 Cavity Duplexer
Frequency	406 - 470 MHz
Frequency Spacing	5 - 7 MHz 9 - 13 MHz
Insertion Loss	≤ 1.2 dB
Isolation (Suppresion)	Single channel ≥ 85 dB Multi channel ≥ 65 dB (Bandwidth = 2.0 MHz)
VSWR	≤ 1:1.5
Impedance	50 Ohm
Maximum Input Power	50 Watts

## MECHANICAL SPECIFICATIONS

Color	Black (Matte)
Dimensions	224 x 154 x 32 mm (see outline drawing)
Weight	1,1 kg
Mount Type	See outline drawing
Connector	N-female
Operating Temperature	-30°C to +60°C
Serial No.	On product label

ORDERING INFORMATION

51007-003	Spacing: 5 - 7 MHz Not tuned In box
51007-003X	Spacing: 5 - 7 MHz Factory tuned (Please specify Tx and Rx frequency when ordering) In box
51008-003	Spacing: 9 - 13 MHz Not tuned In box
51008-003X	Spacing: 9 - 13 MHz Factory tuned (Please specify Tx and Rx frequency when ordering) In box

