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## Scan-Antenna

# **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

Туре	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





SCAN ANTENNA A/S | LITERBUEN 15 | 2740 SKOVLUNDE | DENMARK | +45 +454333 1620 Disclaimer: Every effort has been made to ensure the accuracy of the information in this product sheet. Scan Antenna reserves the right to introduce changes to this information without notice. All rights reserved.

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#### 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



