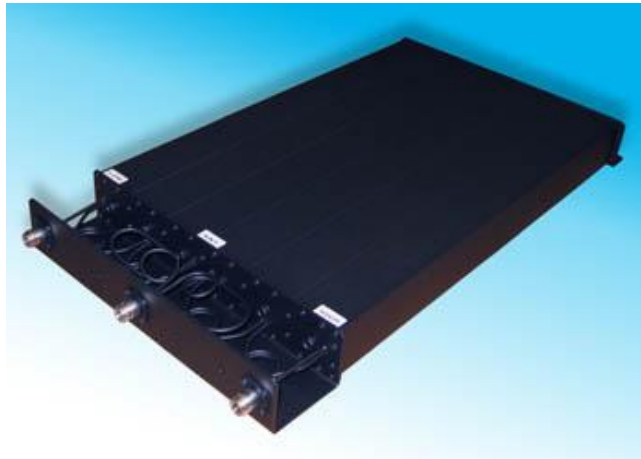




146-156 MHz Mobile duplexer MDF2-6V



Electrical specifications

Model	MDF2-6V
Operating frequency band, MHz	146-156
Insertion loss (adjustable) not more, dB	1.3
Frequency separation TX/RX (min), MHz	2.5-4.5
Impedance, Ohm	50
Isolation, not less, dB	80
VSWR, not more than	1.5
Input power, not more, W	not more than 100
Temperature range, °C	from -30 to +50

Mechanical specifications

Model	MDF2-6V
Weight, kg	8.7
Connector	N-female
Dimensions (LxWxH), mm	310x53x610

A new model MDF2-6V is a prototype of MDF-6V, but is performed on the basis of the usual linear (not spiral) cavities in the cases of the 50 mm cross-section. As a result an enhanced quality-factor helps to decrease the separation TX/RX to the value of 2-3 MHz and to increase the filtering capabilities of the duplexer.

Typical duplexers response curves

