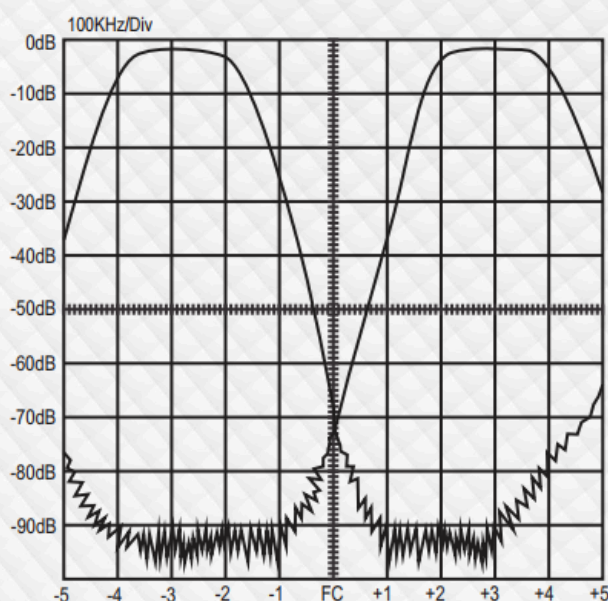
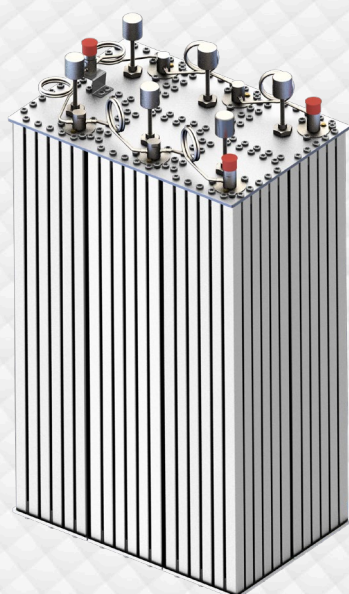


FDV/FDU-6

DUPLEXOR FILTER BAND PASS AND REJECT VHF / UHF

Partnumber	Model	Range
505310	FDU-6E	380 / 512 MHz
505311	FDV-6A	130 / 148 MHz
505312	FDV-6B	148 / 174 MHz



The FDV-6 is a six-cavity duplexer for use in fixed radio communications systems.

With low insertion loss, high selectivity and excellent compensation rejection, this duplexer is especially recommended for high-traffic communications systems.

Its connectors and resonators are plated in silver, thus presenting a low noise level and allowing maximum performance of your system.

The tuning rods are manufactured with special metal wires and the resonant cavities are chemically treated to guarantee excellent mechanical robustness and excellent thermal stability.

MECHANICAL SPECIFICATIONS

Width	220 mm
Total lenght	330 mm
Height	750 mm
Weight	14,600 Kg
Finishing	Polished
Baasic material	Extruded aluminum

ELECTRICAL SPECIFICATIONS

VSWR	$\leq 1,5 : 1$
Nominal impedance	50 Ω
Maximum power	150 Watts VHF 120 Watts UHF
Max. loss by insertion	$\leq 1,5$ dB
Temperature range	-30~60°C
Separation (minimum)	0,6 MHz
Connector	N female
Minimum insulation TX / RX	80 dB
Minimum insulation RX / TX	80 dB

NOTA: Information based on code 505310.