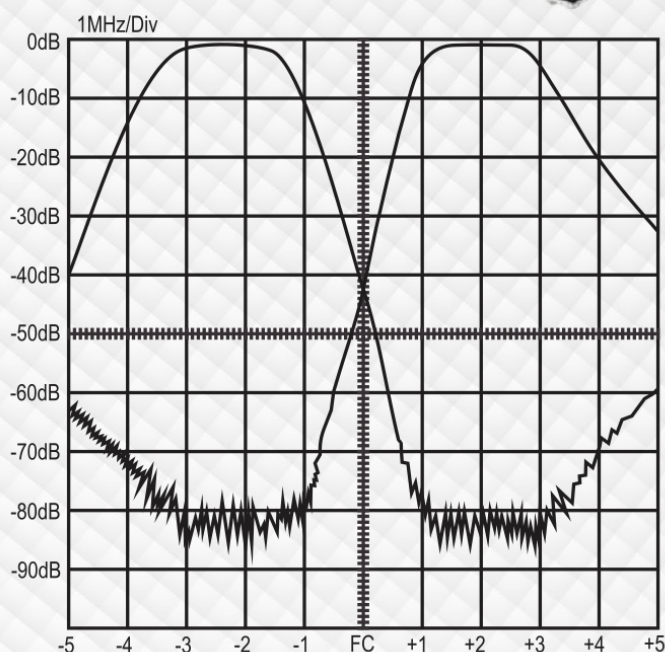
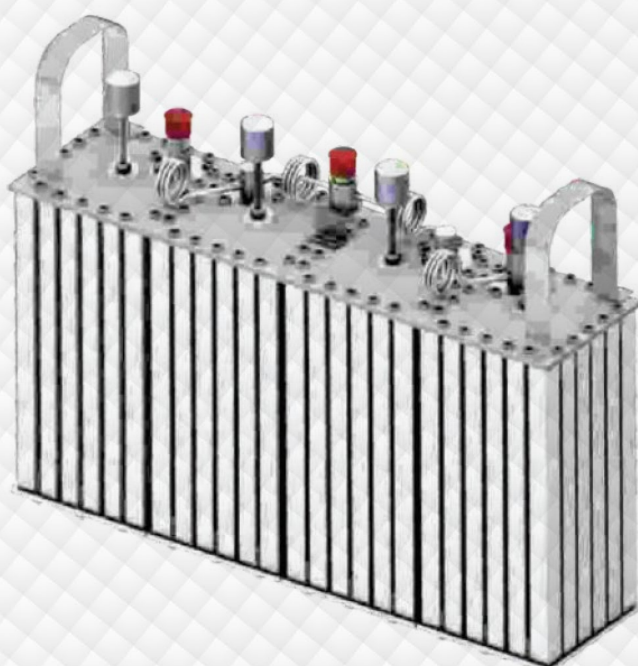


FDU-4

PASS / REJECT UHF 4" CAVITIES DUPLEXER FILTER

Partnumber	Model	Range
505304	FDU-4A	300 / 400 MHz
505305	FDU-4E	380 / 512 MHz



NOTE: Information based at the partnumber 505305.

The FDU-4 is a four cavities duplexer for radio communication systems.

With low insertion loss, high selectivity and excellent offset rejection, this duplexer is especially recommended for high traffic communication systems.

Its connectors and resonators are silver-plated presenting low noise and losses allowing maximum system performance.

The tuning rods are manufactured with special alloys and the resonant cavities are chemically treated to guarantee low losses, excellent mechanical robustness and thermal stability.

MECHANICAL SPECIFICATIONS	
Width	110 mm
Total lenght	440 mm
Height	250 mm
Weight	6,400 Kg
Finishing	Polished
Basic material	Extruded aluminum

ELECTRICAL SPECIFICATIONS	
VSWR	$\leq 1,5 : 1$
Nominal impedance	50 Ω
Input avg power	350 Watts
Insertion loss	0,8 dB
Temperature range	-30~60°C
Separation (minimum)	4,2 MHz
Connector	N female
Min. insulation TX / RX	75 dB
Min. insulation RX / TX	75 dB