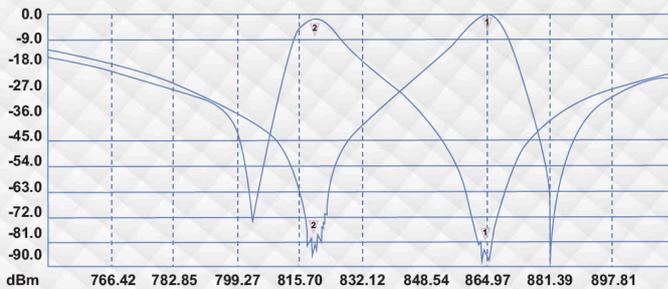
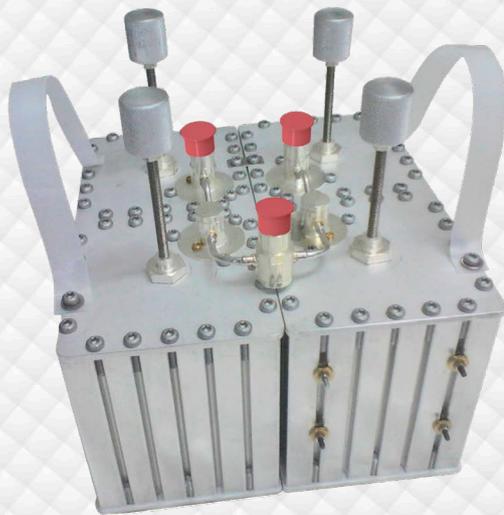


FDU4-F

FILTER DUPLEXER PASS BAND AND REJECT BAN

Partnumber	Model	Range
505306	FDU4-F	800 / 894 MHz



The FDU4-F is a four-cavity duplexer for application in fixed radiocommunication systems.

With low insertion loss, high selectivity and excellent offset rejection, this duplexer is especially recommended for high traffic communication systems. Its coaxial connectors and resonators are silver-plated, then presenting a low noise level and allowing maximum performance of your systems.

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

MECHANICAL SPECIFICATIONS	
Width	215 mm
Total length	215 mm
Height	235 mm
Weight	4,115 Kg
Finishing	Polished
Basic material	Extruded aluminum

ELECTRICAL SPECIFICATIONS	
VSWR	$\leq 1,5 : 1$
Nominal impedance	50 Ω
Maximum power	150 Watts
Maximum insertion loss TX-AnT-RX	≤ 1 dB
Temperature of operation	-30~60°C
Separation (offset)	45 MHz
Connector	N female
Min. insulation TX/RX at TX frequency	≥ 85 dB
Min. suppression of TX at RX frequency	≥ 80 dB
Rejection	≥ 80 dB

