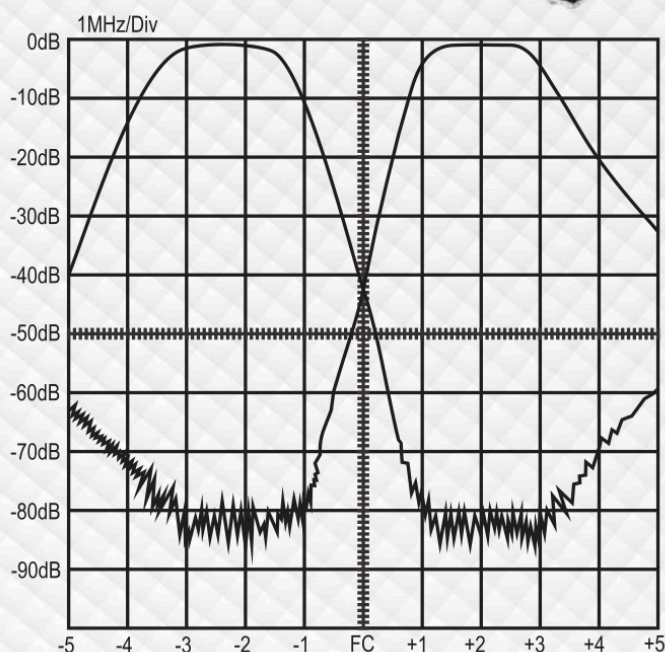
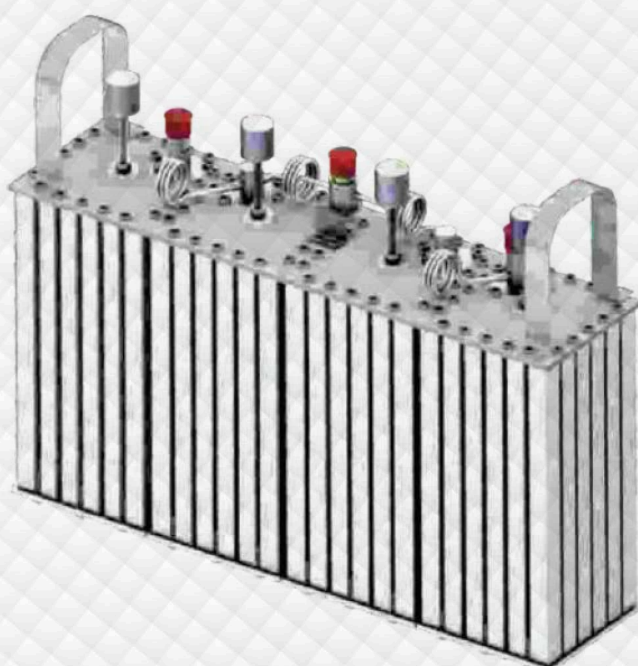


FDU-4

DUPLEXER FILTER REJECT BAND UHF OF FOUR CAVITIES

| 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 duplexer of our cavities for use infixed 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 | 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 |
| Maximum power | 120 Watts |
| Max loss by insertion | $\leq 1,2$ dB |
| Temperature range | -30~60°C |
| Separation (minimum) | 4,2 MHz |
| Connector | N female |
| Min. insulation TX / RX | 70 dB |
| Min. insulation RX / TX | 70 dB |