

# FV-2

## DUPLEXING FILTER VHF / UHF BAND PASS OF TWO CAVITIES

*Important: Installation and transportation in vertical position.*



The FV-2 is a two-cavity filter with low insertion loss suitable for applications in fixed radio communication systems.

Its coaxial connectors and resonators are silverplated, thus presenting a low noise level and allowing maximum performance from your system.

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

Partnumber	Model	Range
505235	FV2-B	110 / 130 MHz
505240	FV2-C	130 / 148 MHz
505245	FV2-D	148 / 174 MHz
505255	FU2-A	380 / 512 MHz

MECHANICAL SPECIFICATIONS	
Width	110 mm
Maximum length	220 mm
Height	750 mm
Weight	5,330 Kg
Finishing	Polished
Basic material	Extruded aluminum

ELECTRICAL SPECIFICATIONS	
VSWR	$\leq 1,5 : 1$
Nominal impedance	50 $\Omega$
Maximum power	150 Watts VHF / 120 Watts UHF
Maximum insertion loss	$\leq 3$ dB
Temperature range	-30~60°C
Connector	N female

*NOTE: Information based on partnumber 505240.*