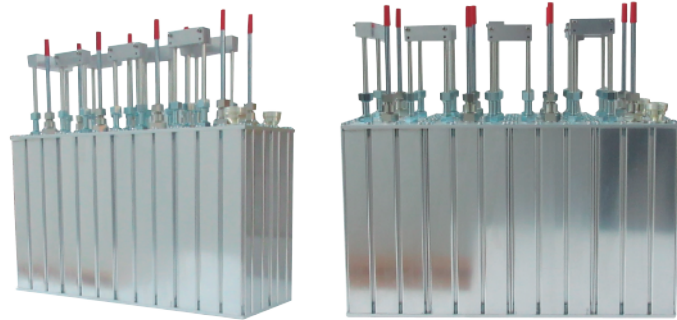


# UHF 8 - POLE DTV BANDPASS FILTER (470 - 860 MHz) LOW POWER

**FDTV08A1B2**

## Features

- 8 Pole
- DualCross: Double Cross Coupling
- Temperature Stabilized

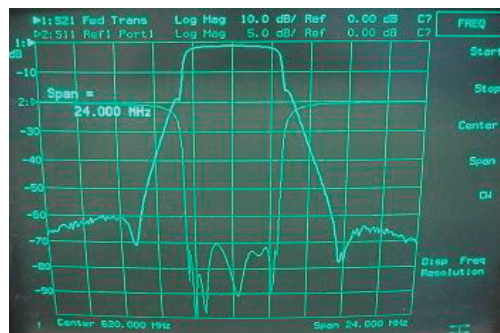


## Specifications

Frequency Range - MHz	470 - 860
Maximum Power - W	300
Input/Output Impedance - $\Omega$	50
Number of Cavities	8
Bandwidth - MHz	6
Temperature Stability	<2kHz/K
Max Operating Temperature	65° (149°F)
Input/Output Connector	DIN 7-16 Female
Dimensions	5.7x16x14 inches • 144.8 x 406.4 x 355 mm
Weight	22lbs • 10 Kgrs

## Tuning data

Insertion Loss	CF	< 1.35dB
	C.F. $\pm 2.79$ MHz	< 3.9 dB
Selectivity	C.F. $\pm 3.15$ MHz	> 15 dB
	C.F. $\pm 4.5$ MHz	> 31 dB
	C.F. $\pm 9.0$ MHz	> 61 dB
Return Loss / VSWR		> 23 dB / <1.15
Group Delay Variation		< 450 ns



Response Curve