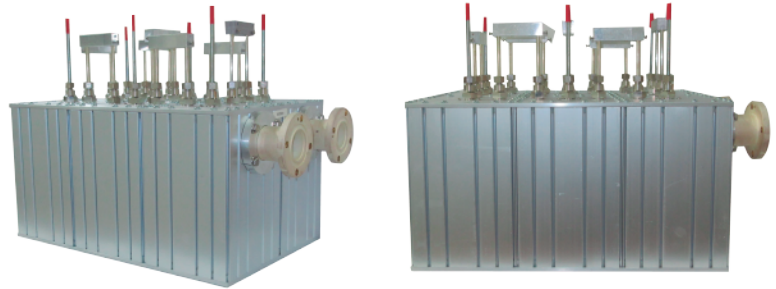


# UHF 6 - POLE DTV BANDPASS FILTER (470 - 860 MHz) HIGH POWER

## FDTV06B2B3

### Features

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

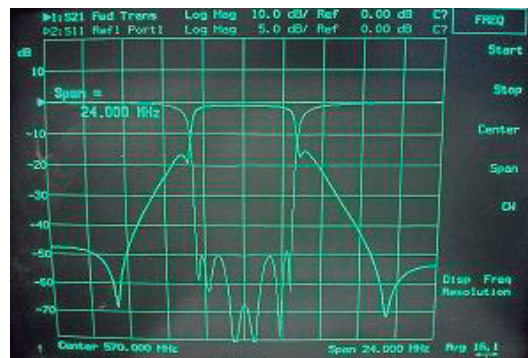


### Specifications

Frequency Range - MHz	470 - 860
Maximum Power - KW	2
Input/Output Impedance - $\Omega$	50
Number of Cavities	6
Bandwidth - MHz	6
Temperature Stability	<2kHz/K
Max Operating Temperature	65° (149°F)
Input/Output Connector	EIA 7/8"
Dimensions	12x20.4x14 inches • 304.8 x 519x 355 mm

### Tuning data

Insertion Loss	CF	< 0.55dB
	C.F. $\pm 2.79$ MHz	< 1.6 dB
Selectivity	C.F. $\pm 3.15$ MHz	> 7 dB
	C.F. $\pm 4.5$ MHz	> 22 dB
	C.F. $\pm 9.0$ MHz	> 47 dB
Return Loss / VSWR		> 23 dB / < 1.15
Group Delay Variation		< 450 ns



Response Curve