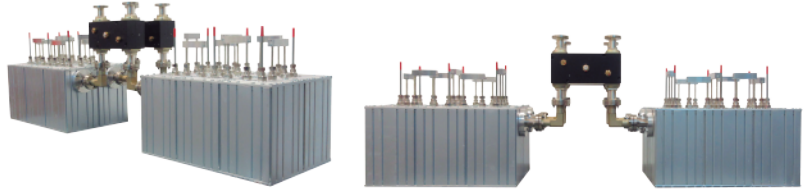


# UHF 6 - POLE DTV COMBINERS (470 - 860 MHz) HIGH POWER

## CDTVA06B2/2B3

### Features

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

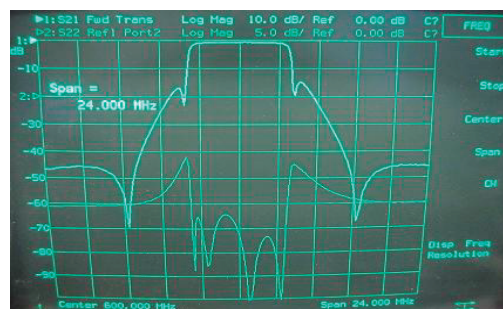


### Specifications

Frequency Range - MHz	470 - 860
Maximum Output Power - KW	2
Maximum Input 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	12x52.7x14 inches • 304.8 x 1340 x 355 mm

### Tuning data

Insertion Loss	CF	< 0.7dB
	C.F. $\pm 2.79$ MHz	< 1.65dB
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		> 26dB / <1.1
Isolation		>30dB
Group Delay Variation		< 450 ns



Response Curve