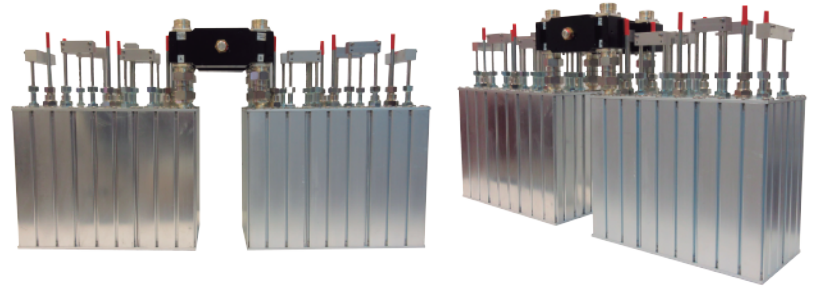


# UHF 6 - POLE DTV COMBINERS (470 - 860 MHz) LOW POWER

**CDTVA06A1/2B2**

## Features

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

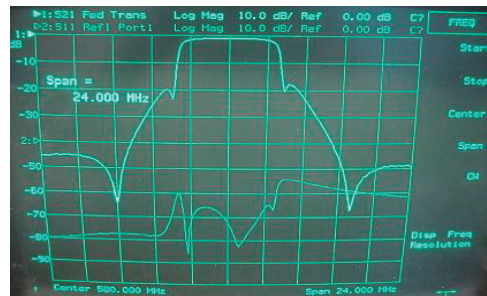


## Specifications

Frequency Range - MHz	470 - 860
Maximum Output Power - KW	2
Maximum Input Power - W	500
Input/Output Impedance - $\Omega$	50
Number of Cavities	6
Bandwidth - MHz	6
Temperature Stability	<2kHz/K
Max Operating Temperature	65° (149°F)
Input Connector	DIN 7-16 Female
Output Connector	EIA 7/8"
Dimensions	5.7x27x14 inches • 144.8 x 690 x 355 mm
Weight	41 lbs • 18.6 Kgrs

## Tuning data

Insertion Loss	CF	< 0.95dB
	C.F. $\pm$ 2.79 MHz	< 2.30 dB
Selectivity	C.F. $\pm$ 3.15MHz	> 7 dB
	C.F. $\pm$ 4.5MHz	> 22 dB
	C.F. $\pm$ 9.0MHz	> 47 dB
Return Loss / VSWR		> 26dB / <1.1
Isolation		>30dB
Group Delay Variation		< 450 ns



Response Curve