



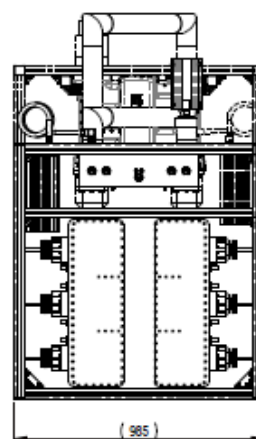
The CA6PPXX200E combiner is designed for DTV mask and combining applications. A module comprises a pair of 6 pole 200mm UHF filters and a pair of 3 dB couplers in a balanced combiner configuration.

**FEATURES / BENEFITS**

Each combiner module features

- Compact size
- Low insertion loss
- Adjacent channel operation
- DTV mask filtering
- Double compensated invar temperature stability

Detailed electrical specifications and further information is available by opening the appropriate external document link below.



**SIDE VIEW**

Typical CA6PPXX200E Combiner

**Technical features**

**STRUCTURE**

<b>Product Line</b>		Combiner TV
<b>Product Type</b>		Band IV/V (UHF) TV Balanced Combiner
<b>Filter Type and Size</b>		Cross coupled

**ELECTRICAL SPECIFICATIONS**

<b>Frequency Range</b>	MHz	470 - 862
<b>Minimum Channel Spacing</b>		adjacent
<b>Narrowband Input Power</b>	kW	10
<b>Number of Poles</b>		6
<b>Number of Cross Couplings</b>		2
<b>Channel Bandwidth</b>	MHz	6 to 8
<b>Mask</b>		ATSC 3 FCC, ISDB-T Critical, ETSI 8MHz Non-critical

**TEMPERATURE SPECIFICATIONS**

<b>Maximum Operating Temperature</b>	°C (°F)	80 (176)
<b>Ambient Temperature Range</b>	°C (°F)	-5 to 55 (23 to 131)
<b>Maximum Temperature Rise</b>	°C (°F)	40 (104)
<b>Freq Drift - Tx Operation</b>	kHz/°C(°F)	<2 (1.2)
<b>Freq Drift - Ambient Temperature</b>	kHz/°C(°F)	<2 (1.2)



CA6PPXX200E-6 combiner

**External Document Links**

[Combiner Application Guide ETSI DVB-T and T2 8MHz](#)

[Combiner Application Guide \(ATSC 6MHz\)](#)

[Combiner Application Guide \(ISDB-T 6MHz\)](#)

**Notes**