



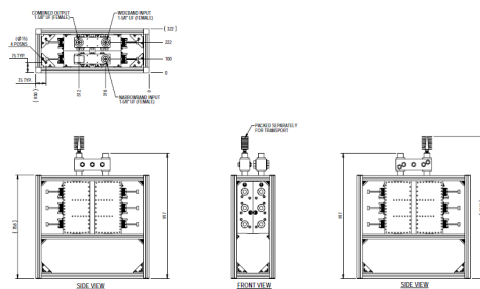
The CA6PPXX110E combiner is designed for DTV mask and combining applications. A module comprises a pair of 6 pole 110mm UHF filters and a pair of 3 dB couplers in a balanced combiner configuration.

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.



Typical CA6PPXX110E combiner with 1-5/8" connectors

Technical features

STRUCTURE

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

ELECTRICAL SPECIFICATIONS

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

TEMPERATURE SPECIFICATIONS

Freq Drift - Tx Operation	kHz/°C(°F)	<2 (1.2)
Freq Drift - Ambient Temperature	kHz/°C(°F)	<2 (1.2)



Six module 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