



The narrowband input corresponds to the bandpass resonant frequency, whereas the wideband input can be any other channels in the applicable UHF band. Modules are connected together to provide a multi-channel combiner. The order (number of poles) of the filters will determine the channel spacing required for given channels, and also the mask, if any that may be provided.

FEATURES / BENEFITS

Each combiner module features

- Compact size, small foot print
- Floor and ceiling mountable
- Wideband, high performance couplers for plug and play style expandability and flexibility
- Highest power rating for size/class
- Lowest loss for size/class in all sizes
- Temperature stabilized
- Adjacent channel operation

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



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	MHz	adjacent
Combined Output Power (max)	kW	240 average
Number of Poles		7
Number of Cross Couplings		2
Mask		ATSC 3 FCC Good Adjacent Neighbor, ISDB-T Critical, ETSI Critical

TEMPERATURE SPECIFICATIONS

Freq Drift - Tx Operation	kHz/°C(°F)	<1 (0.6)
Freq Drift - Ambient Temperature	kHz/°C(°F)	<1 (0.6)

External Document Links

- [Combiner Application Guide \(ETSI 6MHz\)](#)
- [Combiner Application Guide ETSI DVB-T and T2 8MHz](#)
- [Combiner Application Guide \(ATSC 6MHz\)](#)
- [Combiner Application Guide \(ISDB-T 6MHz\)](#)

Notes