

# Channel Combiners

ACC-2A



## ○ Features & Benefits

- Low Loss Combining of Two Bands of Signals to Two Outputs
- Provides Two Outputs Containing Both Input Signal Bands

The ACC-2A is an adjacent channel combiner, designed to combine two input signals and provide two outputs, each containing both input signals at a level no more than 5.5 dB below the input. The primary application of the ACC-2A is the combining of two groups of channels and resplitting the signal to two outputs without incurring the loss associated with two individual hybrid combiner/splitters.

## ○ Specifications

### Electrical

Bandpass: 10 to 550 MHz  
Overall Thru Loss  
10 to 300 MHz: 4.0 dB  
300 to 550 MHz: 5.5 dB  
Isolation Between Inputs  
10 to 300 MHz: 20 dB  
300 to 550 MHz: 16 dB  
Isolation Between Outputs  
10 to 300 MHz: 30 dB  
300 to 550 MHz: 20 dB  
Return Loss  
Input: 20 dB  
Output: 15 dB

### Mechanical

Dimensions (WxHxD):  
2.00x2.75x0.94 in  
51x70x24 mm  
Weight: 3 oz (85 g)

### Connectors

RF Inputs: "F" type, female  
RF Outputs: "F" type, female

## ○ Ordering Information

Model	Stock No.	Description
ACC-2A	4314A	Adjacent Channel Combiner 2 In-2 Out, 10-550 MHz