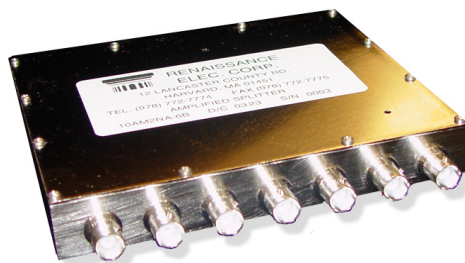


# AMPLIFIED SPLITTER

Renaissance Electronics' high performance Amplified Splitters can split one antenna signal into 6 or 8 separate channels. The noise figure is maintained at less than 2.5dB while the gain can be adjusted between 2dB and 4dB over input. A balanced Wilkinson design offers better than 20dB isolation between all ports.



*compact*  
"Low Noise Figure"

## Characteristics

Frequency	800, 900, 1800, 1900, 2100, 2500, 3500 Mz
Number of Channels	2, 4, 6 or 8 Way Available
Input Power	-40 dBm max
Gain Adjustments over Input Power	2 dB/4dB Switch Standard Other Configurations Available
Gain Variation Over Temperature	±1 dB
Noise Figure	< 2.5 dB
VSWR (Input/Output)	1.5:1 max
Power Requirement	20 - 75 V DC @ AMP max
Temperature Range	0 to +70 C

## Features

- Wilkinson Design: Balanced Splitting
- Selectable Gain
- Low Noise Figure
- High IP3
- High Isolation
- Other Configurations Available

## Benefits

- Reduced Input Signal Distortion
- Field Adjustable
- Better Signal Integrity
- Low Intermodulation
- Less Interference
- Customized Solutions Available

  
**RENAISSANCE**<sup>®</sup>  
ELECTRONICS CORPORATION

12 LANCASTER COUNTY ROAD  
HARVARD, MA 01451  
978-772-7774  
WWW.REC-USA.COM

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