

## Standard Features

- GPS L1-L5, GLONASS, Galileo splitter
- Low Insertion Loss (0.3dB avg)
- High Port-to-Port Isolation (30dB avg)
- Excellent VSWR (1.10:1 avg)
- 15 VDC & 75 mA max on DC block port
- Broadband Frequency (0.698 - 2.700 GHz)

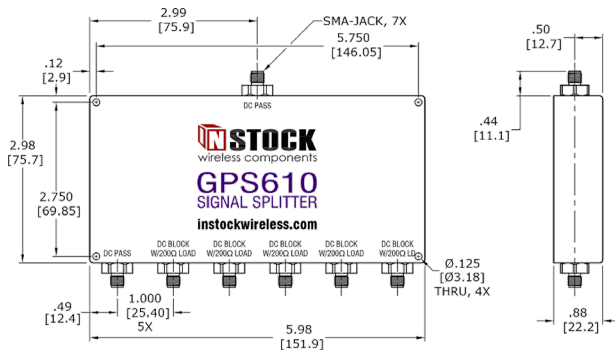


## Specifications

- Frequency Range: 1000 - 2000 MHz
- Insertion Loss above 7.78dB: 0.7 dB max
- Amplitude Balance: 0.4 dB max
- Phase Balance: 4° max
- Isolation: 20 dB min
- Input VSWR: 1.35:1 max
- Output VSWR: 1.25:1 max

### 2 WAY POWER DIVIDER RF INPUT RATINGS

| Into Matched Load VSWR's | In-Phase | 180° Out-of-Phase |
|--------------------------|----------|-------------------|
| 1.2 : 1                  | 20 Watts | 20 Watts          |
| 2.0 : 1                  | 20 Watts | 5 Watts           |
|                          | 10 Watts | 0.5 Watts         |



## Mechanical

### CIRCUIT DESIGN

- Wilkinson; 1 DC pass, 5 DC block w/ 200Ω internal load

### CONNECTORS

- SMA Female, 50 Ohm Coaxial

### CONNECTOR BODY

- Brass, Tri-Alloy Plate

### CONNECTOR PIN

- Beryllium Copper, Gold Plate

### CONNECTOR INSULATOR

- PTFE, Virgin Electrical Grade

### OPERATING PARAMETERS

- -65° C to +85° C

### PHYSICAL

- Aluminum, Clear Chem Film
- Weight: 568 grams

### 2 WAY POWER COMBINER RF INPUT RATINGS

| Input Signals | In-Phase       | 180° Out-of-Phase |
|---------------|----------------|-------------------|
| Coherent      | 6 x 3.33 Watts | 6 x 0.17 Watts    |
| Non-Coherent  | 6 x 0.33 Watts |                   |

**5-YEAR LIMITED PARTS & LABOR WARRANTY**      **MADE IN THE USA**

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