

**231-600-6000** is 4x4, 6dB Ultra Wideband Hybrid Combiner that can be used to combine or split any 4 signals in the 600MHz - 6000MHz range, including the CBRS and LTE-LAA bands. The combined signals will appear at all the output ports. These are symmetric devices so Inputs and Outputs can be used interchangeably. It can also be used to split one input signal into 4 output ports. The unused port must be always terminated with a 50Ω Load.

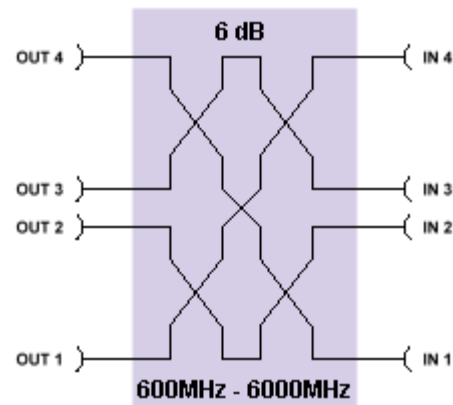
#### **FEATURES:**

- Splits or Combines 4 signals between 600 – 6000MHz
- Designed to include 600-B71, CBRS and LTE-LAA band
- Best-in-class Isolation between the 4 ports
- Very low Insertion Loss
- Low-PIM & High Power Handling
- RoHS Complaint
- Weatherproof for Outdoor use
- In Stock & Available Immediately
- Ease of Mounting with mounting holes / brackets
- Available in different Connector configurations



#### **ELECTRICAL SPECIFICATIONS:**

Frequency Range:	600MHz – 6000MHz
Coupling Loss:	6.35 dB $\pm$ 0.80dB @ 600-270MHz 6.35 dB $\pm$ 1.00dB @ 3800-6000MHz
Isolation:	20.00 dB
VSWR:	1.35
Impedance:	50 Ohms
Input Power:	300 Watts (Avg) / Port
Intermodulation (PIM - 3rd):	-161 dBc (2Tones +43dBm)
DC Path:	IN PORT1 → OUT PORT4 IN PORT2 → OUT PORT2 IN PORT3 → OUT PORT3 IN PORT4 → OUT PORT1 (Max 6.5A AISG2 Conform)



#### **MECHANICAL SPECIFICATIONS:**

Connectors:	DIN (D) / Nex10 (X10) Mini-DIN (MD) / 4.3-10 (D43)
Housing Finish:	Aluminum Body
Mounting Method:	Mounting Kit
Temperature Range:	-20°C to 60°C
Weight:	4.50 lbs
Humidity:	5% - 95%
Environment:	IP67

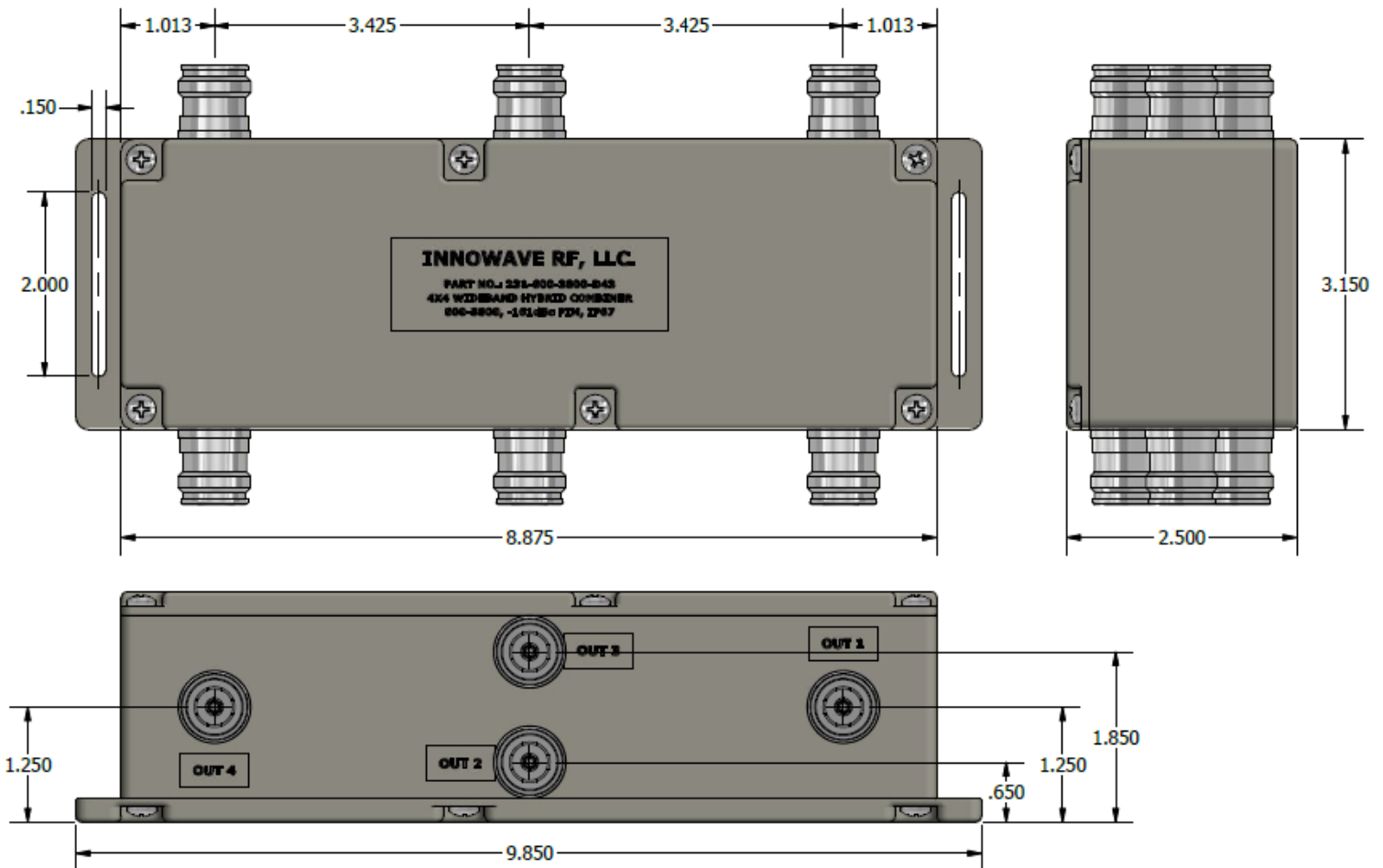
#### **ORDERING INFO:**

##### **Connector Configuration:**

Part#: 231-600-6000-\*

\* - See Connector Options

**Dimensions for 231-600-6000-D43**



Please contact our sales department at 737-200-7090 or [sales@InnowaveRF.com](mailto:sales@InnowaveRF.com) for any custom requirements.

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