

**112B-600-6000** is a Low-PIM 2-Way In-Line Reactive Power Splitter, designed to evenly split high power signals between 600MHz and 6000MHz. These splitters cover all the traditional Cellular frequencies, including the CBRS, C-Bands and LTE-LAA. This unique In-Line structure is Compact and can be used without any bulky inter-connections or undue cable stress. They are rated to be used in extreme weather and environmental conditions. It also has a very low Insertion Loss with an outstanding VSWR at all three ports. Available with different connector options.

**FEATURES:**

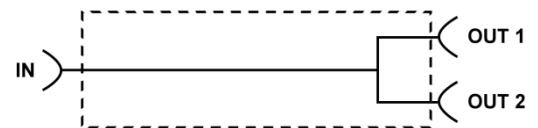
- Wide bandwidth 600 MHz – 6000 MHz
- **CBRS, C-Band and LTE-LAA** Ready
- **Compact In-Line** Reactive Splitter
- Superior and rugged construction
- Low Insertion Loss and low VSWR
- Low PIM, -163dBc
- *RoHS* Complaint
- Weatherproof / Outdoor unit
- In Stock to low lead time delivery
- Available in 4.3-10 or NEX10 connectors



**SPECIFICATIONS:**

Frequency Range:	600 MHz – 6000 MHz
Passband Insertion Loss:	0.25 dB @ 600-2700 MHz 0.35 dB @ 2700-4200 MHz 0.50 dB @ 4200-6000 MHz (Over the theoretical loss of 3 dB)
VSWR:	≤ 1.25 @ 600-2700 MHz ≤ 1.30 @ 2700-4200 MHz ≤ 1.30 @ 4200-6000 MHz
Power Handling:	300 W (Avg)
Impedance:	50Ω
PIM – 3 <sup>rd</sup> :	-163 dBc (2 Tones +43 dBm)
Temperature Range:	-30°C to 75°C
Weight:	1.00 lb
Housing Finish:	Aluminum Body
Mounting Method:	Mounting Holes
Humidity:	5% - 95%
Environment:	IP67

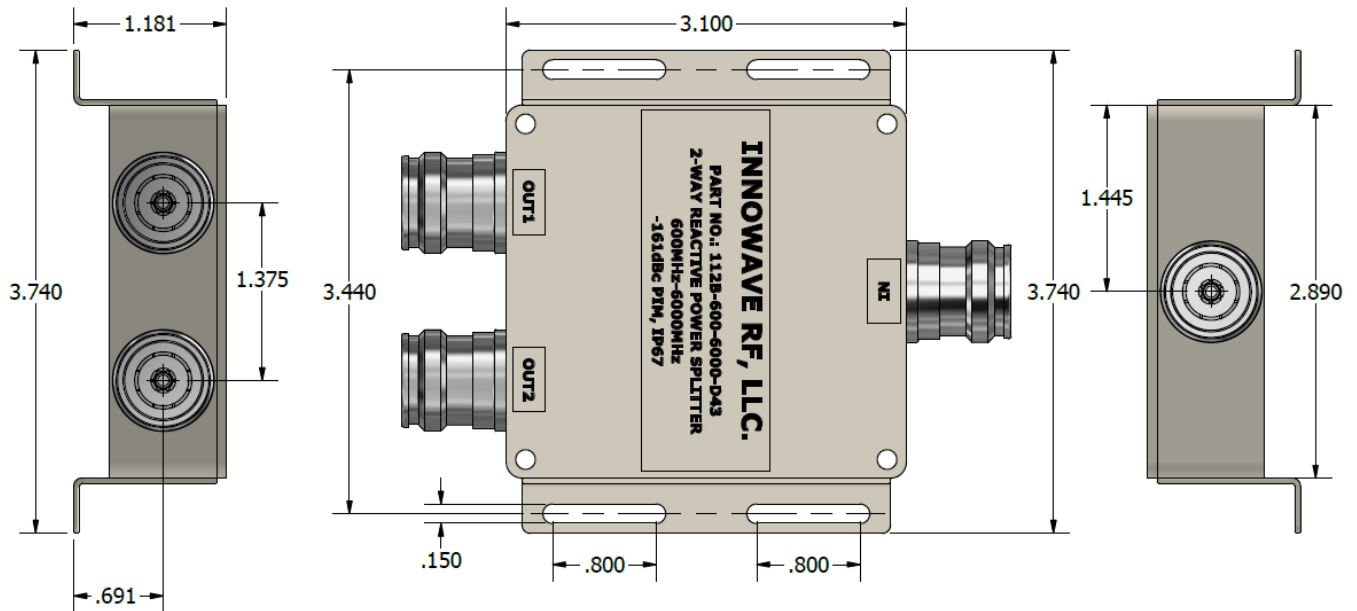
**Block Diagram for 112B-600-6000**



**ORDERING INFO:**

112B-600-6000-D43	--- 4.3-10 Connector
112B-600-6000-X10	--- NEX10 Connector
112B-600-6000-QMA	--- QMA Connector

**Dimensions for 112B-600-6000**



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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