INNOWAVE RF

Innovation in Every Wave

112B-600-4000

2-Way In-Line Wideband Reactive Power Splitters

-163dBc PIM, 600-4200 MHz, IP67

112B-600-4000 is a Low-PIM 2-Way In-Line Reactive Power Splitter, designed to evenly split high power signals between 600MHz and 4200MHz. These splitters cover all the traditional Cellular frequencies, including the CBRS and C-Bands. 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.

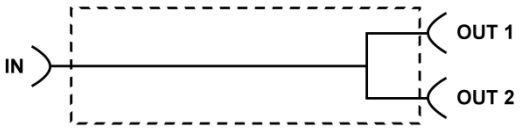
FEATURES:

- Wide bandwidth 600 MHz – 4200 MHz
- **CBRS and C-Band** Ready
- **Compact In-Line** Reactive Splitter
- Superior and rugged construction
- Low Insertion Loss and low VSWR
- Low PIM, -163dBc
- *RoHS* Compliant
- Weatherproof / Outdoor unit
- In Stock to low lead time delivery
- Available in 4.3-10 or NEX10 connectors

SPECIFICATIONS:

Frequency Range:	600 MHz – 4200 MHz
Passband Insertion Loss:	0.25 dB @ 600-2700 MHz 0.30 dB @ 2700-4200 MHz (Over the theoretical loss of 3 dB)
VSWR:	≤ 1.25 @ 600-2700 MHz ≤ 1.30 @ 2700-4200 MHz
Power Handling:	300 W (Avg)
Impedance:	50Ω
PIM – 3rd:	-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

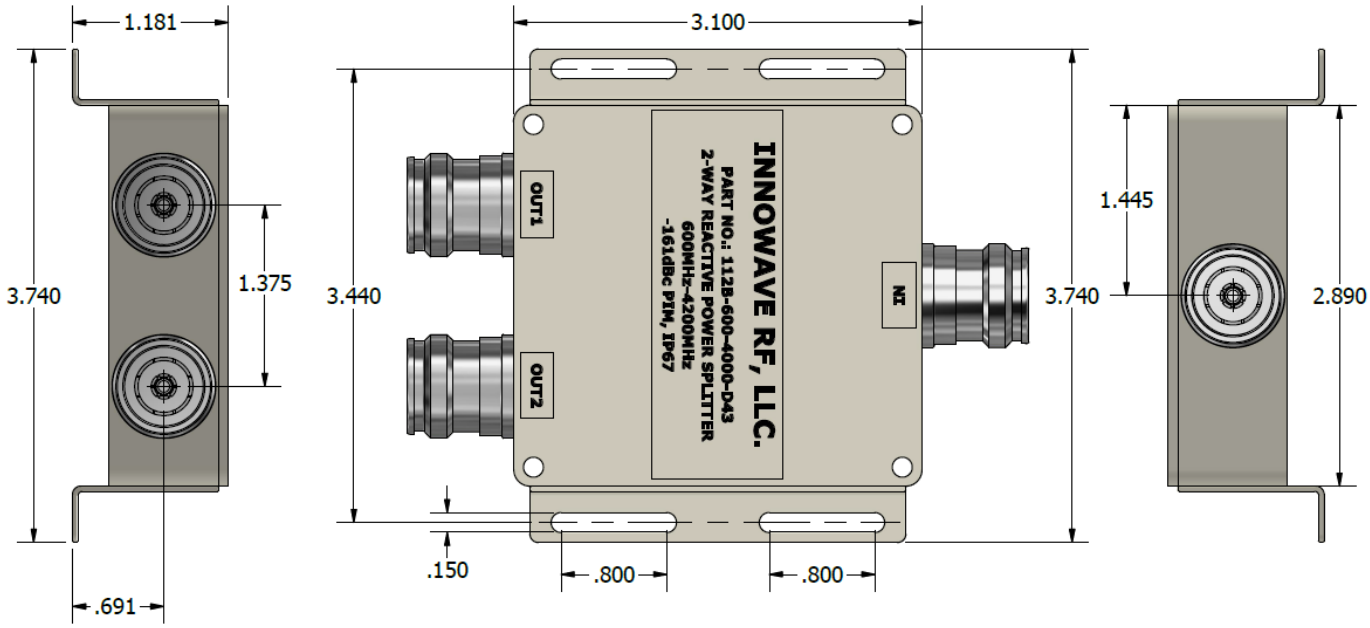
Block Diagram for 112B-600-4000



ORDERING INFO:

112B-600-4000-D43	--- *4.3-10 Connector*
112B-600-4000-X10	--- *NEX10 Connector*
112B-600-4000-QMA	--- *QMA Connector*

Dimensions for 112B-600-4000-D43



Please contact our sales department at 737-200-7090 or sales@InnowaveRF.com for any custom requirements.

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