

112R-600-6000-QMA is a Low-PIM 2-Way Reactive Power Splitter, designed to evenly split high power signals between 600MHz and 6000MHz. The Input and Output QMA connectors are on the same side of the cavity. These models can be used as Stand-Alone unit or can be mounted on a 2RU Rack DAS Tray (PN: R112-2RU). Up to 16 of the splitters can be mounted on the 2RU Rack. These splitters cover all the traditional Cellular frequencies, including the CBRS, C-Bands and LTE-LAA. When mounted on a DAS Tray, they can be used to split signals coming out of Attenuator Modules into different zones in In-Building Systems. It also has a very low Insertion Loss with an outstanding VSWR at all three ports.

FEATURES:

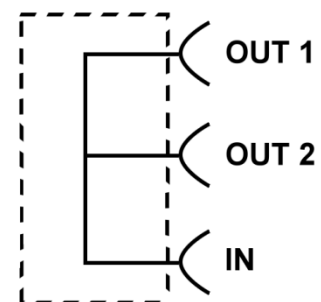
- Wide bandwidth 600 MHz – 6000 MHz
- **CBRS, C-Band and LTE-LAA** Ready
- QMA Input & Output Connectors on same side
- Superior and rugged construction
- Up to 16 can be Mounted on 2RU High DAS Trays
- Low Insertion Loss and low VSWR
- Low PIM, -161dBc
- *RoHS* Complaint
- In Stock to low lead time delivery



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:	200 W (Avg)
Impedance:	50Ω
PIM – 3 rd :	-161 dBc (2 Tones +43 dBm)
Temperature Range:	-30°C to 75°C
Weight:	0.75 lbs
Housing Finish:	Aluminum Body
Mounting Method:	Mounting Holes
Humidity:	5% - 95%
Environment:	IP65

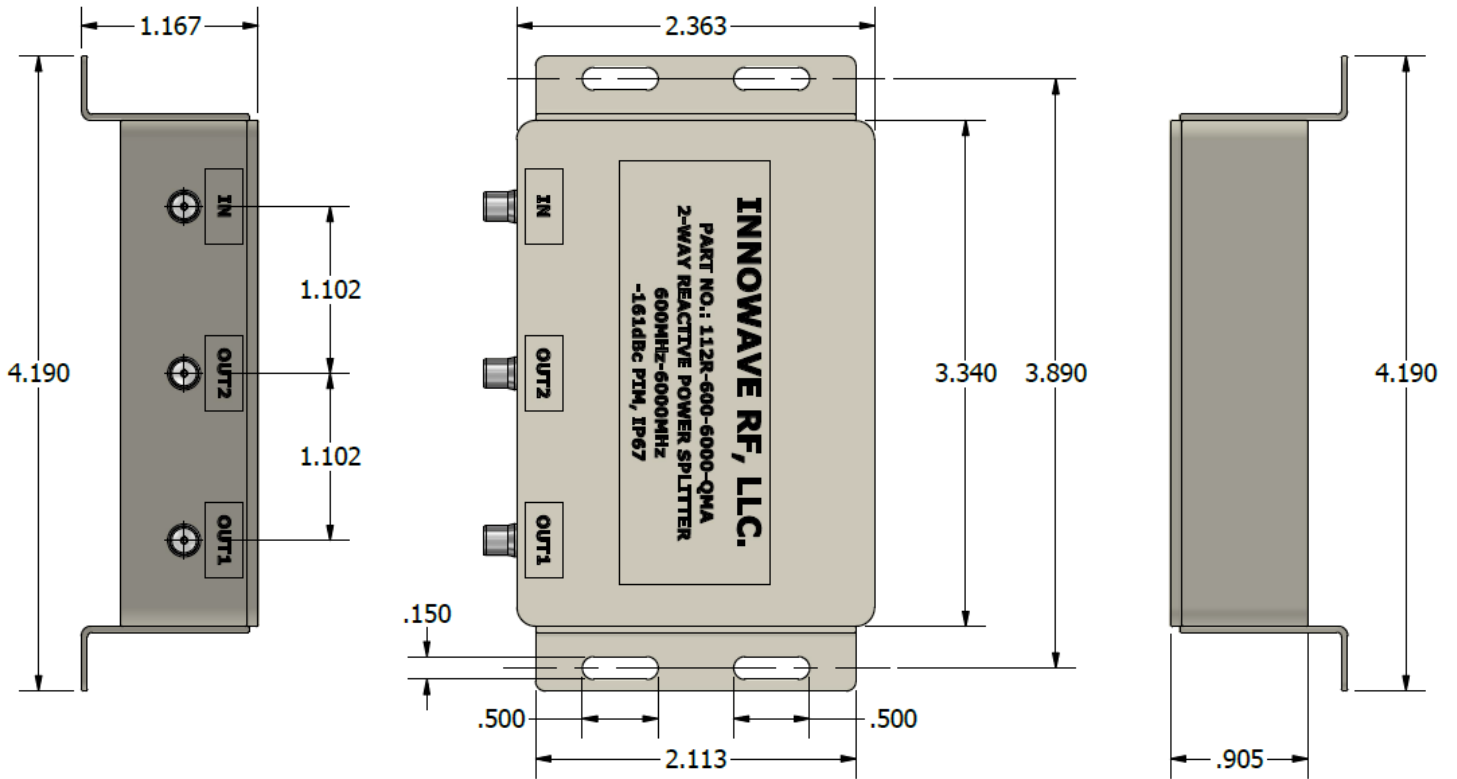
Block Diagram for 112R-600-6000



ORDERING INFO:

112R-600-6000-QMA	--- QMA Connector
112R-600-6000-QMA(M)	--- QMA (M) Connector for Output
ASSM-112B-16-QMA	--- 16x on 2RU Rack with QMA Connector

Dimensions for 112R-600-6000-QMA



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

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