INNOWAVE RF

Innovation in Every Wave

226-600-6000

3x3 4.8dB Wideband (LTE-LAA, CBRS & C-Band) Hybrid Combiner

-163dBc PIM, 600-6000 MHz, IP67

226-600-6000 is a 6-Port, 4.8dB Wideband Hybrid Coupler that can used to combine any 2 signals in 600MHz – 6000MHz range, including LTE-LAA, CBRS and C-Band. The combined signal 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 3 output ports. The unused port must be always terminated with a 50Ω Load. These hybrid couplers can be used over a wide range of temperature and environmental conditions.

FEATURES:

- Splits / Combines 3 signals in the 600MHz – 6000MHz
- Covers all **Cellular Bands, LTE-LAA, CBRS and C-Band**
- Best-in-class Isolation between the 3 ports
- Very low Insertion Loss
- Available in 4.3-10 or Nex10 Connectors
- Low-PIM & High Power Handling
- Ease of Mounting with mounting holes
- Weatherproof for Outdoor use
- In Stock and Available Immediately

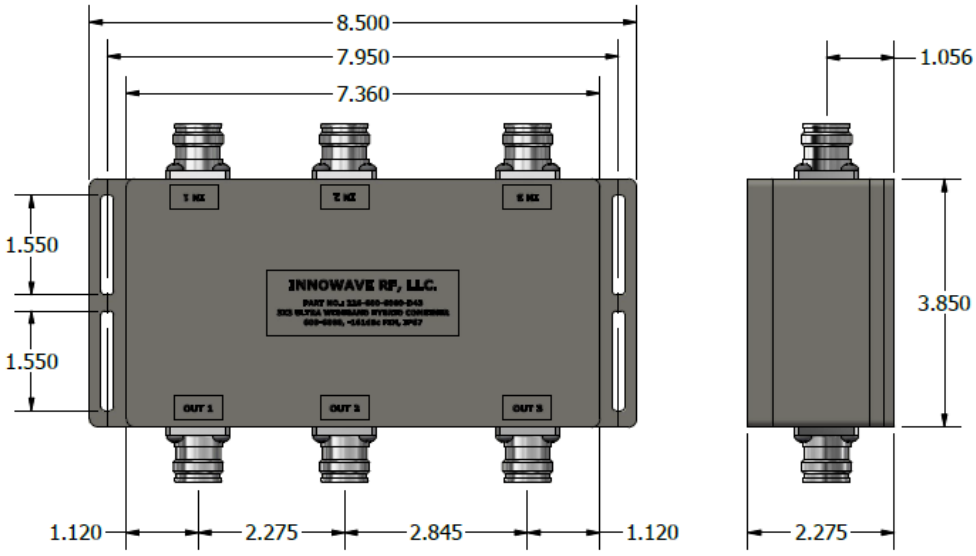
ELECTRICAL SPECIFICATIONS:

Frequency Range:	600MHz – 6000MHz
Coupling Loss:	5.10±1.00dB @ 600-2700 MHz 5.20±1.00dB @ 2700-4000 MHz 5.20±1.20dB @ 4000-6000 MHz
Isolation:	24.00 dB @ 600-3800 MHz 23.00 dB @ 3800-6000 MHz
VSWR:	1.25
Impedance:	50 Ohms
Input Power:	200 Watts (Avg)
Intermodulation (PIM – 3rd):	-163dBc (2 Tones +43dBm)

MECHANICAL SPECIFICATIONS:

Connectors:	4.3-10 (D43) / Nex10 (X10)
Housing Finish:	Aluminum Body
Mounting Method:	Mounting Holes
Temperature Range:	-30°C to 70°C
Weight:	4.00 lbs
Humidity:	5% - 95%
Environment:	IP67

Dimensions for 226-600-6000-D43



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

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