

**Innovation in Every Wave**

**256-600-4000** is an array of four 3x3 Wideband Hybrid Coupler that can be used to combine signals in the 600MHz – 4000MHz range, including CBRS and C-Band. The combined signal will appear at all the output ports. These are perfect for a 4x4 MIMO System. Each section of the hybrid is independent of each other. These are symmetric devices so inputs and outputs can be used interchangeably. 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:**

- Array of four 3x3 Hybrid Combiners
- Splits / Combines signals in the 600MHz – 4000MHz
- Covers all **Cellular Bands, CBRS and C-Band**
- Perfect for 4x4 MIMO Implementations
- Best-in-class Isolation
- Each Hybrid Combiner is independent of each other
- Very low Insertion Loss
- Available 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



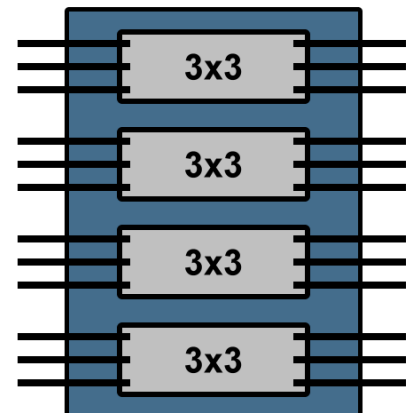
**ELECTRICAL SPECIFICATIONS:**

Frequency Range:	600MHz – 4000MHz
Coupling Loss:	5.00±1.50dB @ 600-800 4.90±1.00dB @ 800-2700 5.00±1.50dB @ 2700-4000
Isolation:	20.00 dB
VSWR:	1.25
Impedance:	50 Ohms
Input Power:	200 Watts (Avg)
Intermodulation (PIM – 3 <sup>rd</sup> ):	-161dBc (2 Tones +43dBm)

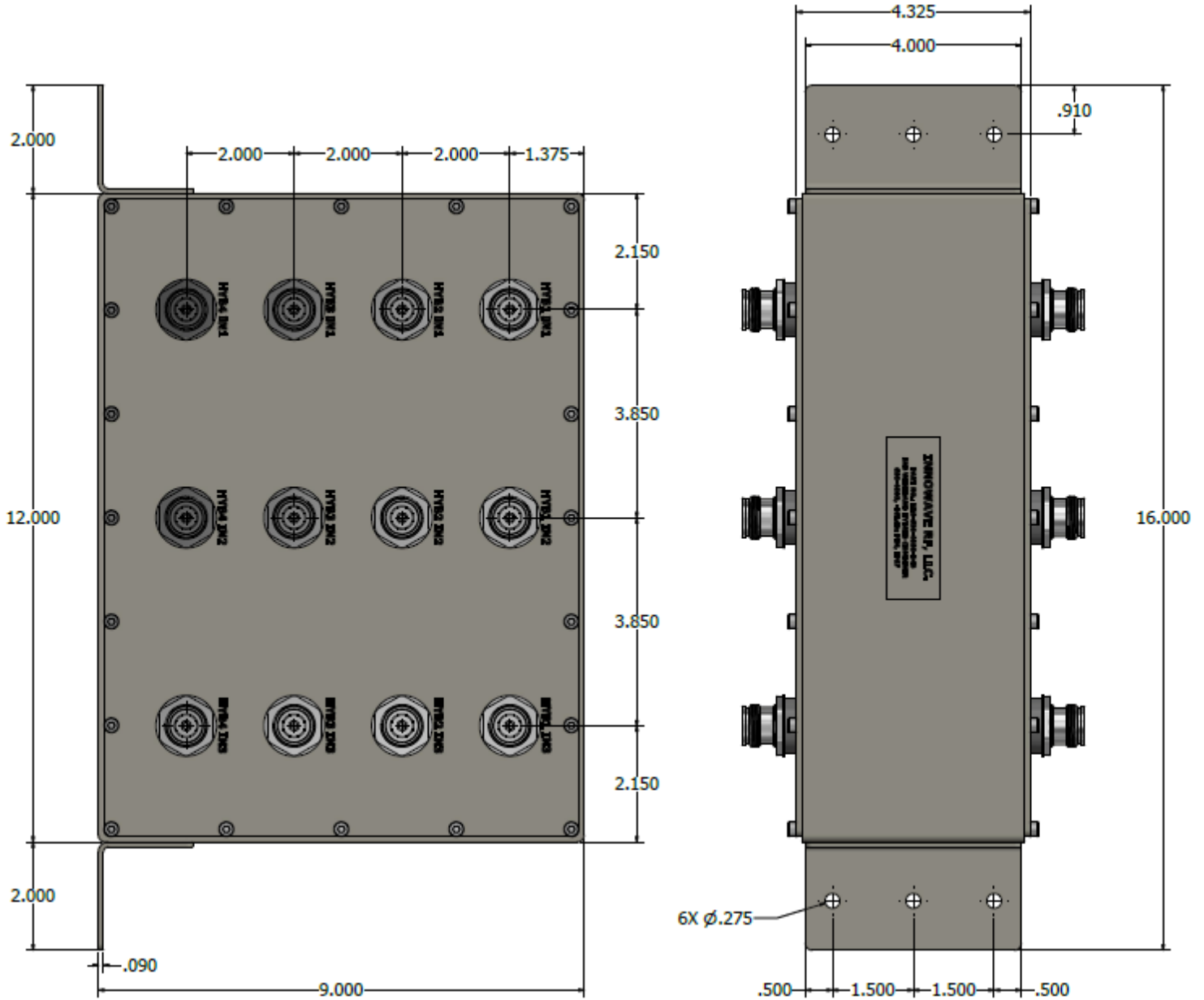
**MECHANICAL SPECIFICATIONS:**

Connectors:	4.3-10 (D43) / Nex10 (X10)
Housing Finish:	Aluminum Body
Mounting Method:	Mounting Holes
Temperature Range:	-35°C to 75°C
Weight:	18.00 lbs
Humidity:	5% - 95%
Environment:	IP67

**Block Diagram for 256-600-4000-D43**



**Dimensions for 256-600-4000-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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