

**114-555-2700** is a Low-PIM 4-Way Reactive Power Splitter, designed to evenly split high power signals between 555MHz and 2700MHz. Because of their rugged construction, they are indestructible and can 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:**

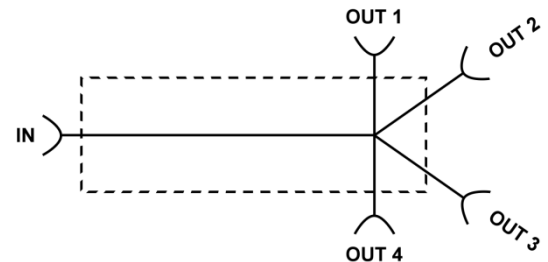
- Wide bandwidth 555 MHz – 2700 MHz
- Low Insertion Loss and low VSWR
- Low PIM, -161dBc
- RoHS Complaint
- Weatherproof / Outdoor unit
- In Stock to low lead time delivery
- Superior Construction and High Power Handling
- Available in DIN, Mini-DIN, 4.3-10 or Nex10 Connectors



#### **SPECIFICATIONS:**

|                          |  |
|--------------------------|--|
| Frequency Range:         | 555 MHz – 2700 MHz                               |
| Passband Insertion Loss: | 0.60 dB<br>(Over the theoretical loss of 6.0 dB) |
| VSWR:                    | $\leq 1.25$                                      |
| Power Handling:          | 500 W (Avg)                                      |
| Impedance:               | 50 $\Omega$                                      |
| PIM – 3 <sup>rd</sup> :  | -161 dBc (2 Tones +43 dBm)                       |
| Temperature Range:       | -30°C to 75°C                                    |
| Weight:                  | 1.10 lb  |
| Housing Finish:          | Aluminum Body                                    |
| Mounting Method:         | Mounting Holes                                   |
| Humidity:                | 5% - 95%   |
| Environment:             | IP67   |

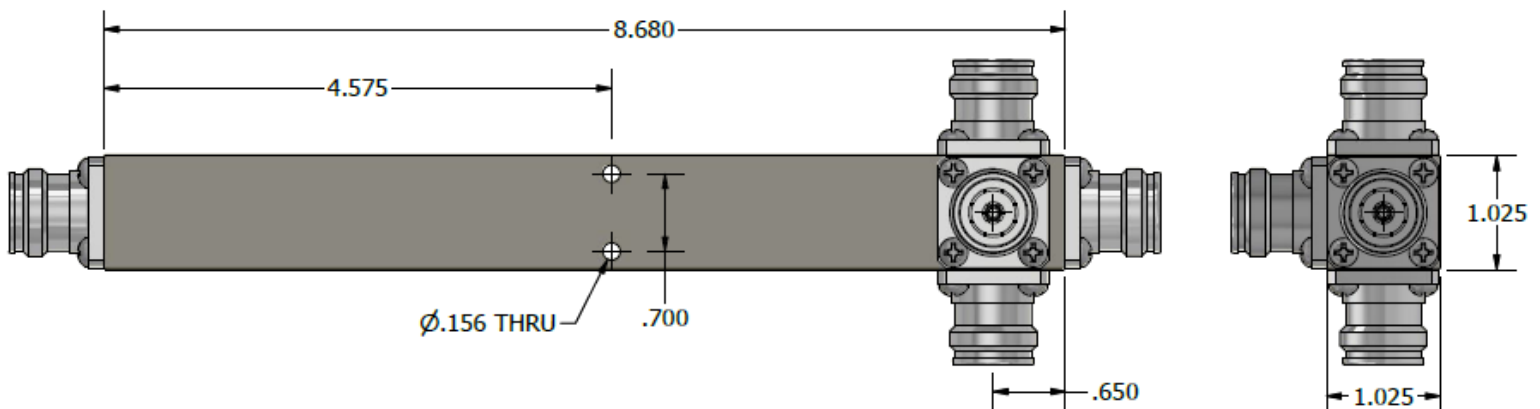
#### **Block Diagram for 114-555-2700**



#### **ORDERING INFO:**

|                  |                        |
|------------------|------------------------|
| 114-555-2700-D   | --- 7/16 DIN Connector |
| 114-555-2700-MD  | --- Mini-DIN Connector |
| 114-555-2700-D43 | --- 4.3-10 Connector   |
| 114-555-2700-X10 | --- Nex10 Connector    |

#### **Dimensions for 114-555-2700**



Please contact our sales department at 737-200-7090 or [sales@InnowaveRF.com](mailto:sales@InnowaveRF.com) for any custom requirements.

© Innowave RF, LLC. All Rights Reserved. Specs can change without notice. Drawings are for reference purpose only.