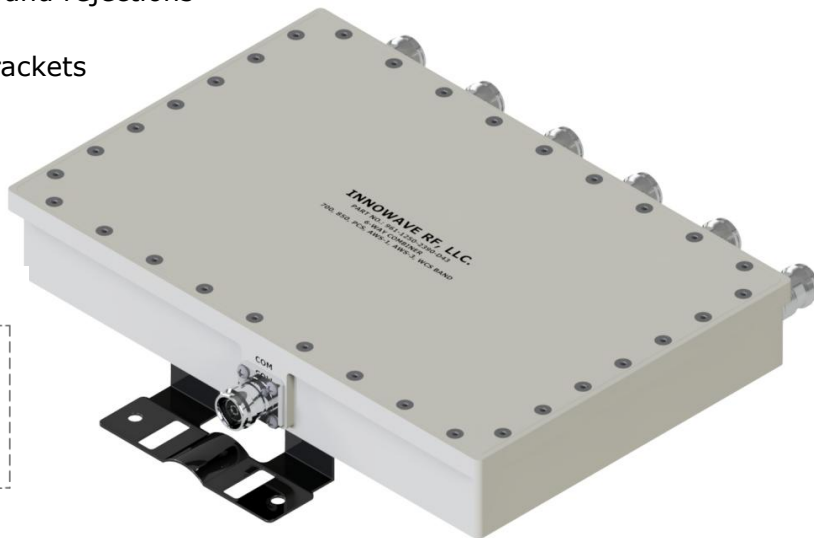
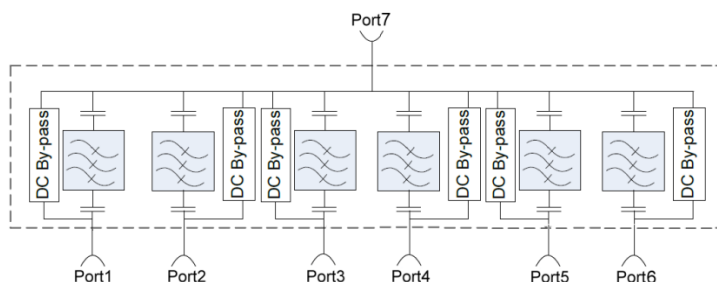


### **FEATURES:**

- Splits or combines **600(B71), 700+FN Bands**(617MHz-798MHz), **850 Band** (815MHz-896MHz), **PCS Band** (1850MHz-2000MHz), **AWS-1, AWS-3 Bands** (1695MHz-1780MHz & 2110MHz-2200MHz), **DoD Band** (3450MHz-3550MHz) and **C-Band** (3700MHz-4200MHz)
- Minimum 40dB Isolation between the bands
- Very low Insertion Loss with superior out of band rejections
- Available in 4.3-10 or NEX10 Connectors
- Ease of Mounting with mounting holes and brackets
- Low-PIM with High Power Handling
- RoHS Compliant
- Weatherproof for Outdoor installation
- In Stock and Available Immediately



### **ELECTRICAL SPECIFICATIONS:**

| Frequency Bands                        | <b>600,700+FN</b><br>617-798                     | <b>850</b><br>815-896 | <b>PCS</b><br>1850-2000 | <b>AWS1,AWS3</b><br>1695-1780<br>2110-2200 | <b>DoD</b><br>3450-3550 | <b>C-Band</b><br>3700-4200 |
|----------------------------------------|--------------------------------------------------|-----------------------|-------------------------|--------------------------------------------|-------------------------|----------------------------|
| Passband Insertion Loss                | 0.45 dB                                          |                       |                         |                                            |                         |                            |
| Isolation                              | ≥ 40 dB                                          |                       |                         |                                            |                         |                            |
| Return Loss                            | 21 dB                                            |                       |                         |                                            |                         |                            |
| Impedance                              | 50 Ohms                                          |                       |                         |                                            |                         |                            |
| Input Power /Port                      | 150 Watts (Avg)                                  |                       |                         |                                            |                         |                            |
| DC Pass Current                        | 4000 mA (Typ)<br>(DC Block Available on Request) |                       |                         |                                            |                         |                            |
| Intermodulation (PIM-3 <sup>rd</sup> ) | -161dBc (2 Tones +43 dBm)                        |                       |                         |                                            |                         |                            |
| Lightning Protection                   | 8/20S 10KA Pulse (IEC801-5)                      |                       |                         |                                            |                         |                            |
| MTBF Hours                             | ≥ 500,000                                        |                       |                         |                                            |                         |                            |

### **MECHANICAL SPECIFICATIONS:**

|                    |                            |
|--------------------|----------------------------|
| Connectors:        | 4.3-10 (D43) / NEX10 (X10) |
| Housing Finish:    | Aluminum Body              |
| Mounting Method:   | Mounting Bracket           |
| Temperature Range: | -30°C to 75°C              |
| Weight:            | 6 lbs                      |
| Relative Humidity: | 5% - 95%                   |
| Environment:       | IP67                       |

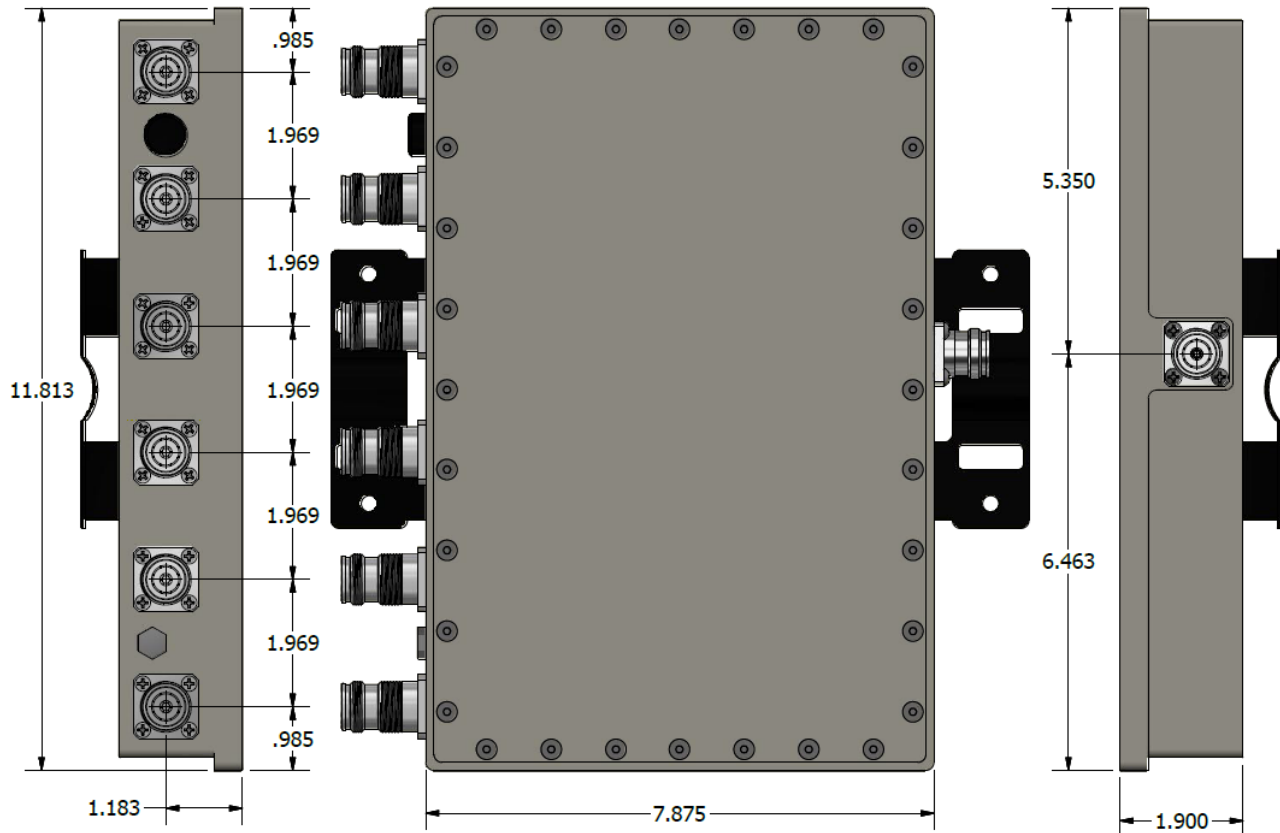
### **ORDERING INFO:**

#### **Single Model:**

|                   |                           |
|-------------------|---------------------------|
| 4.3-10 Connector: | Part#: 961C-1250-3800-D43 |
| NEX10 Connector:  | Part#: 961C-1250-3800-X10 |

**STACKED MODEL AVAILABLE**

**Dimensions for 961C-1250-3800-D43**



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.