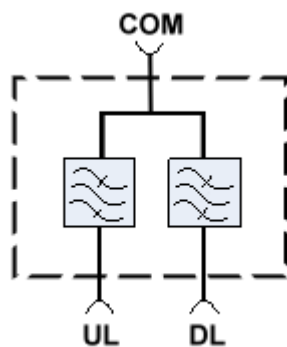


### FEATURES:

- Splits or combines the **Uplink (RX)** (788MHz-798MHz) and **Downlink (TX)** (758MHz-768MHz) frequencies within the **700 MHz Band-14 Public Safety Band**
- Best-in-class Isolation between the 2 signals
- Very low Insertion Loss with superior out of band rejections
- Available in 4.3-10 and Type-N Connectors Standard
- Ease of Mounting with mounting holes
- RoHS Compliant
- In Stock and Available Immediately

### Block Diagram for 921-763-793



### ELECTRICAL SPECIFICATIONS:

| Frequency Bands                          | Downlink Freq (TX)<br>758MHz - 768MHz               | Uplink Freq (RX)<br>788MHz - 798MHz |
|------------------------------------------|-----------------------------------------------------|-------------------------------------|
| Passband Insertion Loss                  | 0.50 dB                                             |                                     |
| Isolation                                | 65dB                                                |                                     |
| Return Loss                              | 20 dB                                               |                                     |
| Impedance                                | 50 Ohms                                             |                                     |
| Lightning Protection                     | 8/20S 10kA Pulse (IEC 801-5) (Available on Request) |                                     |
| Input Power /Port                        | 100 Watts (Avg)                                     |                                     |
| Intermodulation (PIM - 3 <sup>rd</sup> ) | -157 dBc (2 Tones +43 dBm)                          |                                     |
| MTBF Hours                               | ≥ 500,000                                           |                                     |

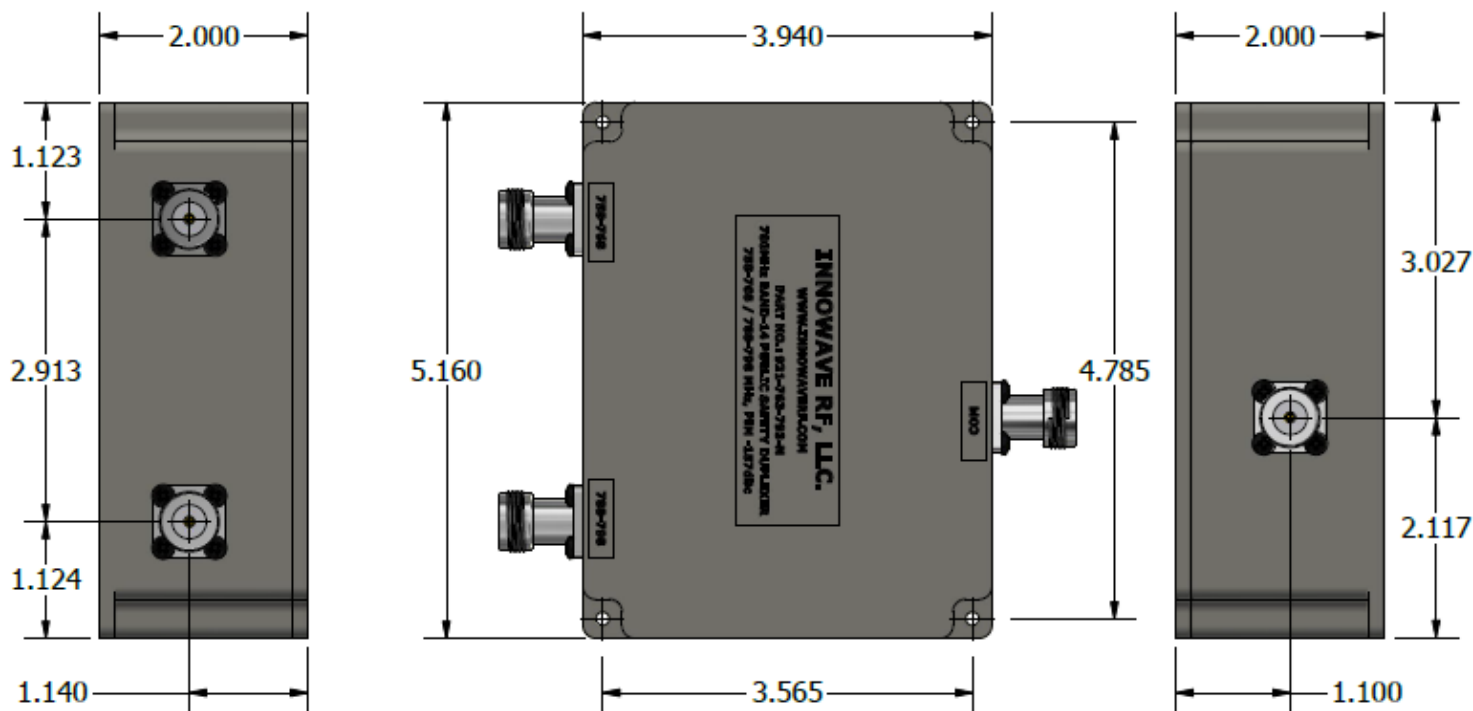
### MECHANICAL SPECIFICATIONS:

|                    |                            |
|--------------------|----------------------------|
| Connectors:        | 4.3-10 / Type-N (Standard) |
| Housing Finish:    | Aluminum Body              |
| Mounting Method:   | Mounting Holes             |
| Temperature Range: | -35°C to 75°C              |
| Weight:            | 3.00 lbs                   |
| Relative Humidity: | 5% - 95%                   |
| Environment:       | IP65                       |

### ORDERING INFO:

|                   |                        |
|-------------------|------------------------|
| Type-N Connector: | Part#: 921-763-793-N   |
| 4.3-10 Connector: | Part#: 921-763-793-D43 |

**Dimensions for 921-763-793-N**



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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