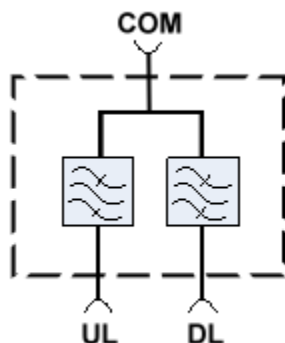


### **FEATURES:**

- Splits or combines the **Uplink (RX)** (1850MHz-1915MHz) and **Downlink (TX)** (1930MHz-1995MHz) frequencies within the **1900 MHz PCS Band**
- Best-in-class Isolation between the 2 signals
- Very low Insertion Loss with superior out of band rejections
- Available in 4.3-10 or Type-N 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

### **Block Diagram for 921-1880-1960**



### **ELECTRICAL SPECIFICATIONS:**

Frequency Bands	Downlink Freq (TX) 1930MHz - 1995MHz	Uplink Freq (RX) 1850MHz - 1915MHz
Passband Insertion Loss	0.30 dB	
Isolation	65dB @ 1850MHz - 1915MHz	65dB @ 1930MHz - 1995MHz
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> )	-161 dBc (2 Tones +43 dBm)	
MTBF Hours	≥ 500,000	

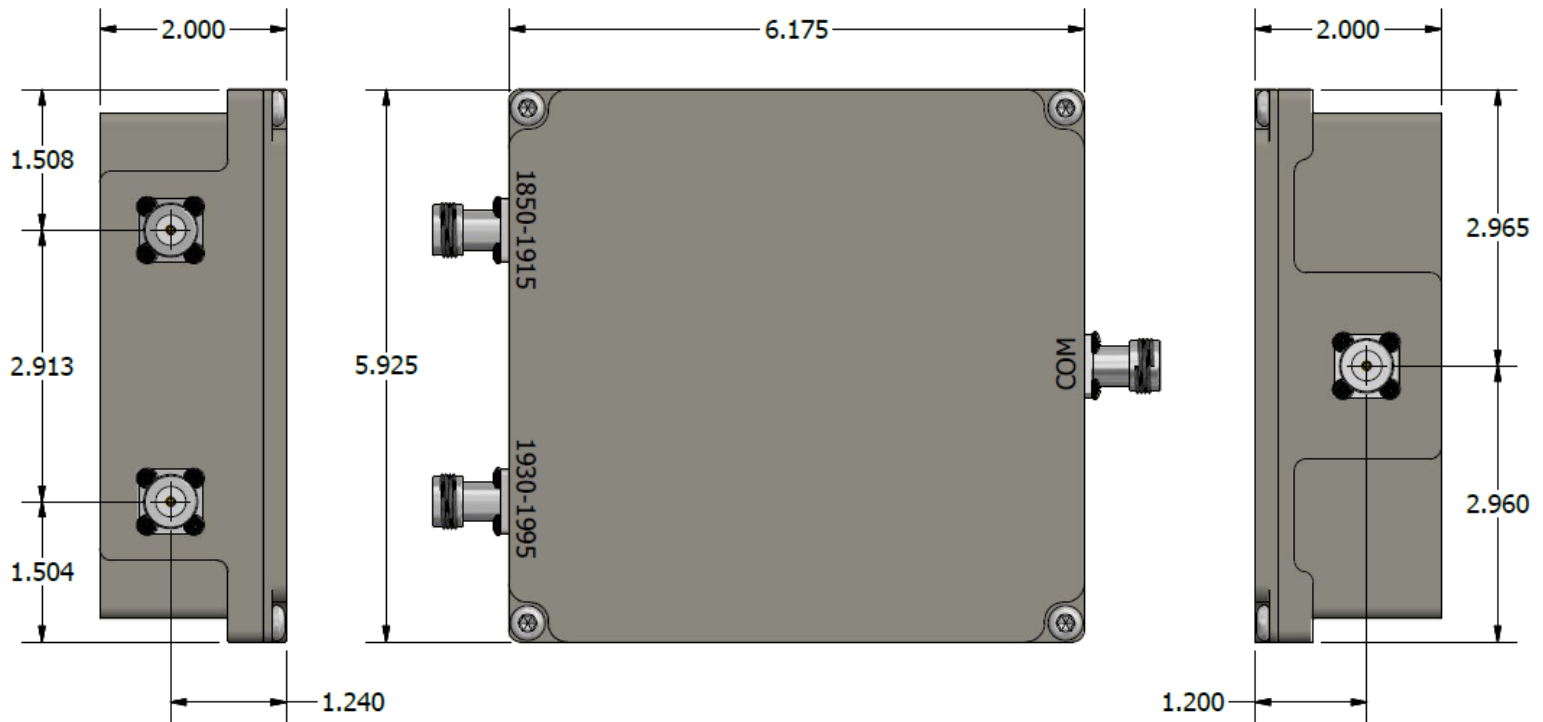
### **MECHANICAL SPECIFICATIONS:**

Connectors:	4.3-10 (D43) / Type-N (N)
Housing Finish:	Aluminum Body
Mounting Method:	Mounting Bracket
Temperature Range:	-35°C to 75°C
Weight:	3.00 lbs
Relative Humidity:	5% - 95%
Environment:	IP67

### **ORDERING INFO:**

4.3-10 Connector:	Part#: 921-1880-1960-D43
Type-N Connector:	Part#: 921-1880-1960-N

**Dimensions for 921-1880-1960-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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