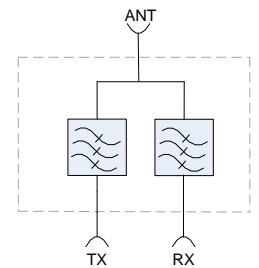
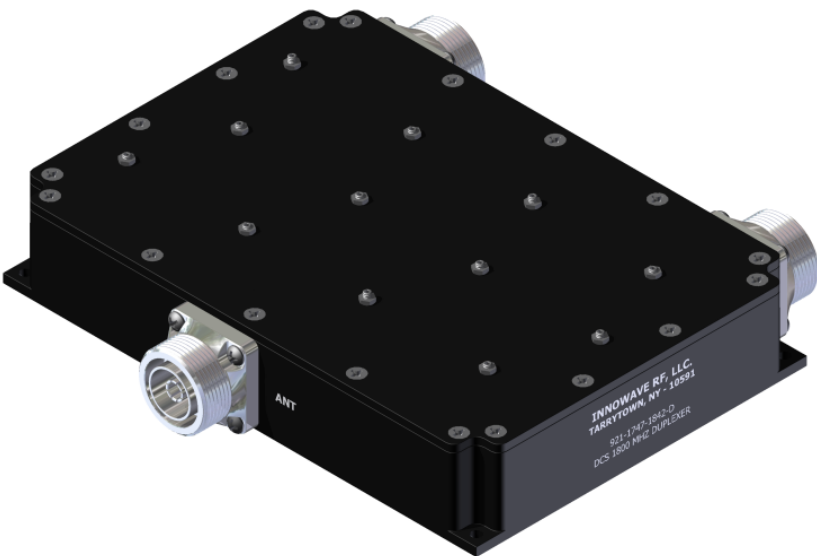
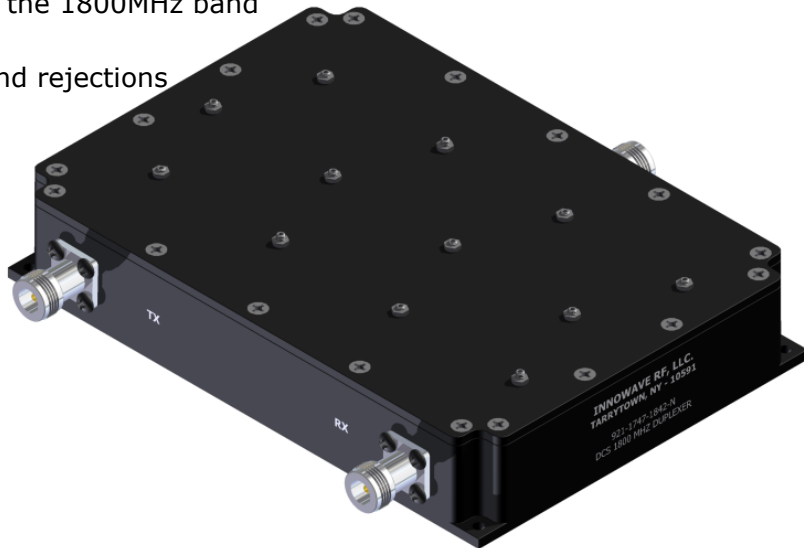


**FEATURES:**

- Splits or combines TX and RX in DCS signals in the 1800MHz band
- Best-in-class Isolation between the 2 signals
- Very low Insertion Loss with superior out of band rejections
- Low-PIM with High Power Handling
- ROHS Compliant
- Ease of Mounting with mounting holes
- Available in 7/16 DIN and Type-N Connectors
- Weatherproof / Outdoor options available
- In Stock and Available Immediately



**ELECTRICAL SPECIFICATIONS:**

Frequency Bands	Transmit	Receive
	1805MHz-1880MHz	1710MHz-1785MHz
Insertion Loss	0.35 dB (Typ)	
Pass Band Ripple	0.15 dB (Typ)	
Isolation	≥80 dB @ 1710MHz-1785MHz	≥80 dB @ 1805MHz-1880MHz
Return Loss	22 dB (Typ)	
Impedance	50 Ohms	
Input Power	250 Watts (Avg)	
Intermodulation (PIM - 3 <sup>rd</sup> ) ***	-150dBc (Typ) / -157dBc (Typ) (2 Tones +43 dBm)	

**MECHANICAL SPECIFICATIONS:**

Connectors: Type-N (Female) and 7/16 DIN (Female) Options Available

Housing Finish: Aluminum Body

Mounting Method: Mounting Holes

Temperature Range: -30°C to 80°C

Humidity: 5% – 95%

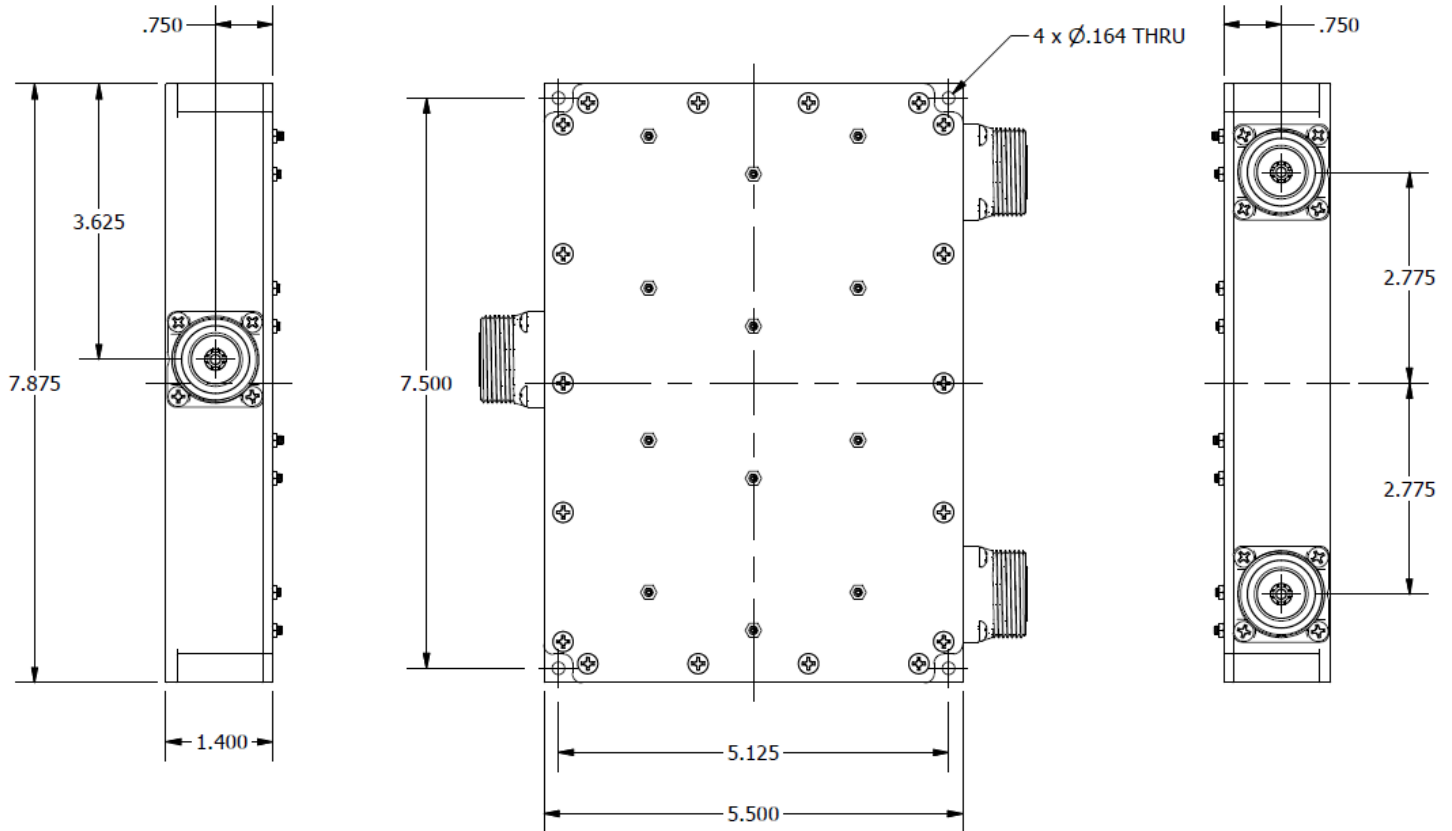
Environment: IP64

**\*\*\* ORDERING INFO:**

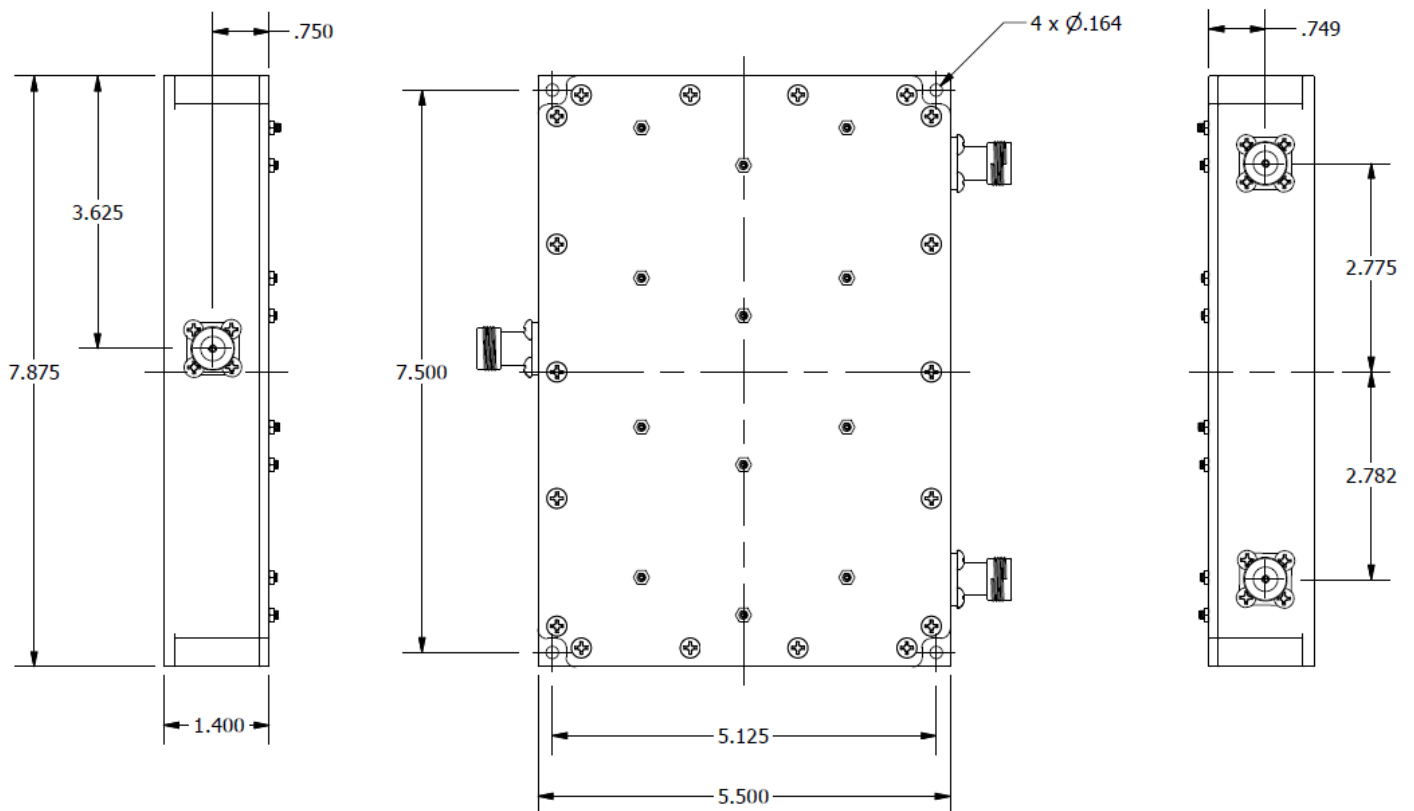
**-150dBc Model:** Part#: 921-1747-1842

**Low-PIM Model:** Part#: 921L-1747-1842  
(-155dBc for Type-N & -157dBc for 7/16 DIN)

**Dimensions for 921-1747-1842-D**



**Dimensions for 921-1747-1842-N**



Please contact our sales department at 914-230-4060 or [sales@InnowaveRF.com](mailto:sales@InnowaveRF.com) for any custom requirements.  
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