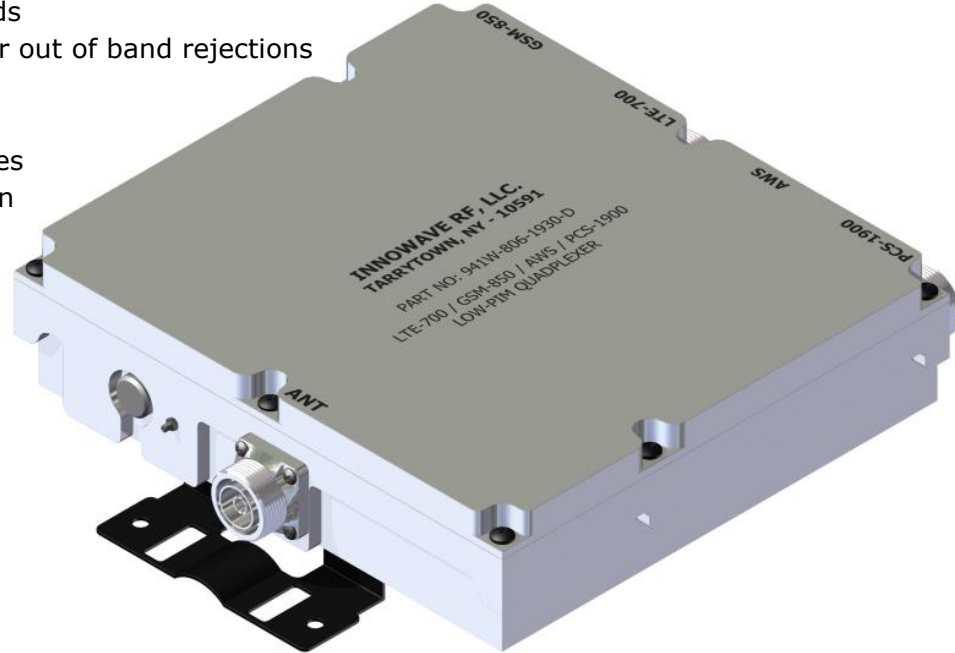


FEATURES:

- Splits or combines the **700MHz LTE Band** (698MHz-798MHz), **850MHz GSM Band** (824MHz-960MHz), **1900MHz PCS** (1850MHz-2000MHz) and **AWS Band** (1710MHz-1755MHz & 2110MHz-2170MHz)
- Excellent Isolation between the bands
- Very low Insertion Loss with superior out of band rejections
- Low-PIM with High Power Handling
- ROHS Complaint
- Ease of Mounting with mounting holes
- Weatherproof for Outdoor installation
- In Stock and Available Immediately

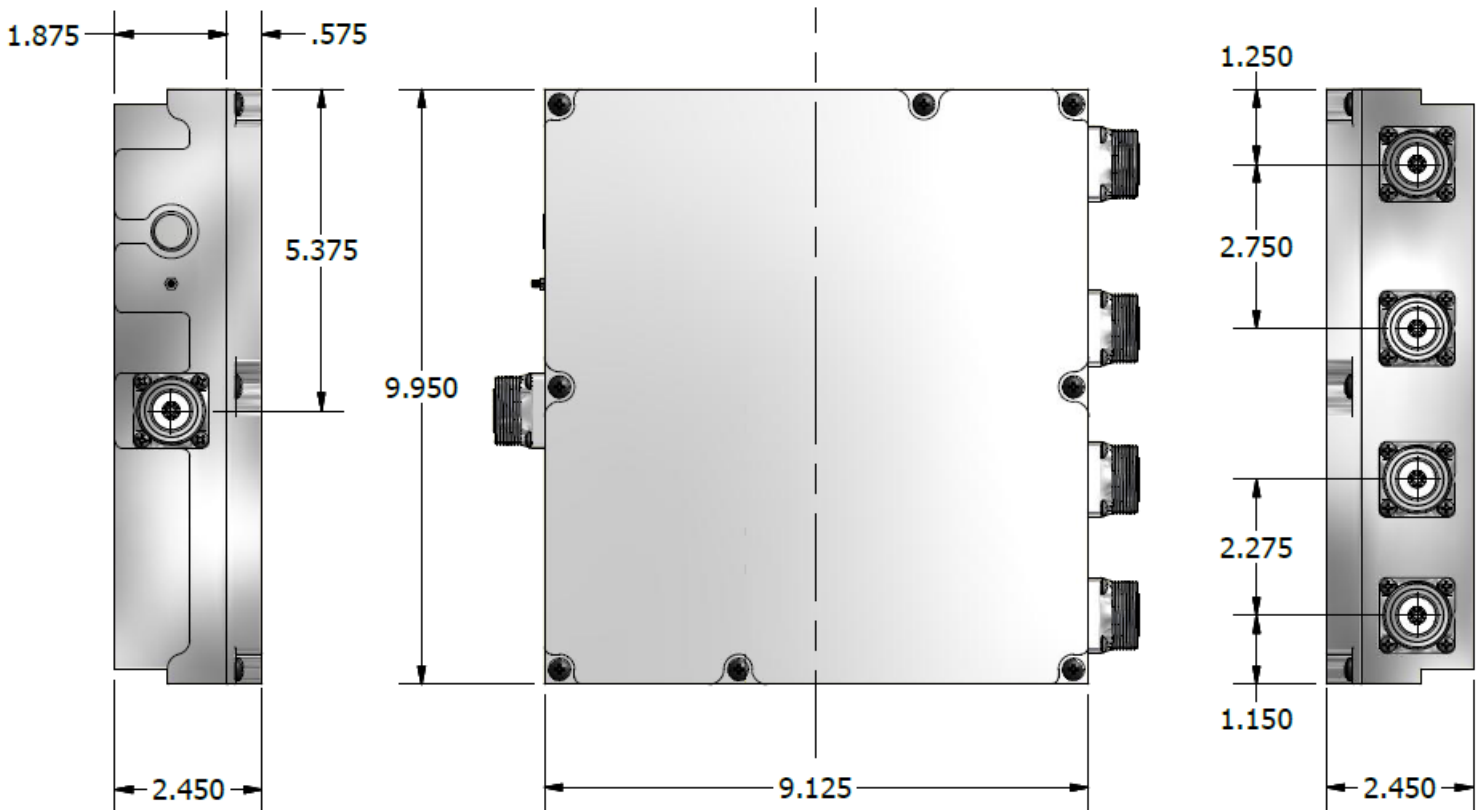

ELECTRICAL SPECIFICATIONS:

Frequency Bands	700 MHz LTE	850 MHz GSM	1900 MHz PCS	AWS Band
	698MHz - 806MHz	824MHz - 896MHz	1850MHz - 2000MHz	1710MHz - 1755MHz 2110MHz - 2170MHz
Insertion Loss	≤ 0.50 dB (Typ)			
Pass Band Ripple	≤ 0.15 dB (Typ)			
Isolation	≥ 60 dB	≥ 60 dB	≥ 60 dB	≥ 60 dB
Return Loss	≤ -20 dB (Typ)			
Impedance	50 Ohms			
Input Power	200 Watts (Avg)			
Intermodulation (PIM-3 rd)*	-157dBc (Typ) (2 Tones +43 dBm)			
DC Pass Current	Max 2500mA			
Lightning Protection	8/20S 10KA Pulse (IEC801-5)			
MTBF Hours	≥ 500,000			

MECHANICAL & ENVIRONMENTAL SPECIFICATIONS:

Connectors:	7/16 DIN (Female) Type-N (Female) option available
Housing Finish:	Aluminum Body
Mounting Method:	Mounting Holes
Temperature Range:	-20°C to 60°C
Humidity:	5% – 95%
Environment:	IP67

Dimensions for 941-806-1930-D



Block Diagram Representation for 941-806-1930-D

