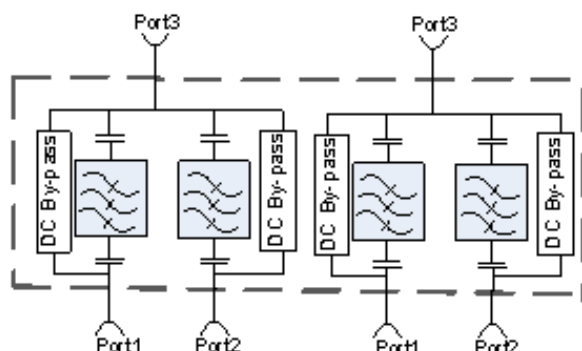


FEATURES:

- Splits or combines the **700LTE Band** and **850-GSM /850-CDMA Band**
- **Compact Design** with **Single/Stacked/Twin/Quad** combiner model available for tight space applications
- Best-in-class Isolation between the 2 signals
- Very low Insertion Loss with superior out of band rejections
- Low-PIM with High Power Handling
- Available in 7/16 DIN, Mini-DIN, 4.3-10 and Nex10 Connectors
- *RoHS* Complaint, Weatherproof / Outdoor unit
- In Stock to low lead time delivery

Block Diagram for 903C-742-852



ELECTRICAL SPECIFICATIONS:

Frequency Bands	700 LTE 698 MHz - 787 MHz	850 GSM / CDMA 815 MHz - 896 MHz
Passband Insertion Loss	0.20dB	
Isolation	≥40dB @ 815MHz-896MHz	≥40dB @ 698MHz-787MHz
Return Loss	21dB	
Impedance	50 Ohms	
Input Power	100 Watts (Avg); 250 Watts (Peak)	
DC Pass Current	4000 mA (Typ)	
Lightning Protection	8/20S 10kA Pulse (IEC 801-5)	
Intermodulation (PIM - 3 rd)	-161 dBc (2 Tones +43 dBm)	

MECHANICAL SPECIFICATIONS:

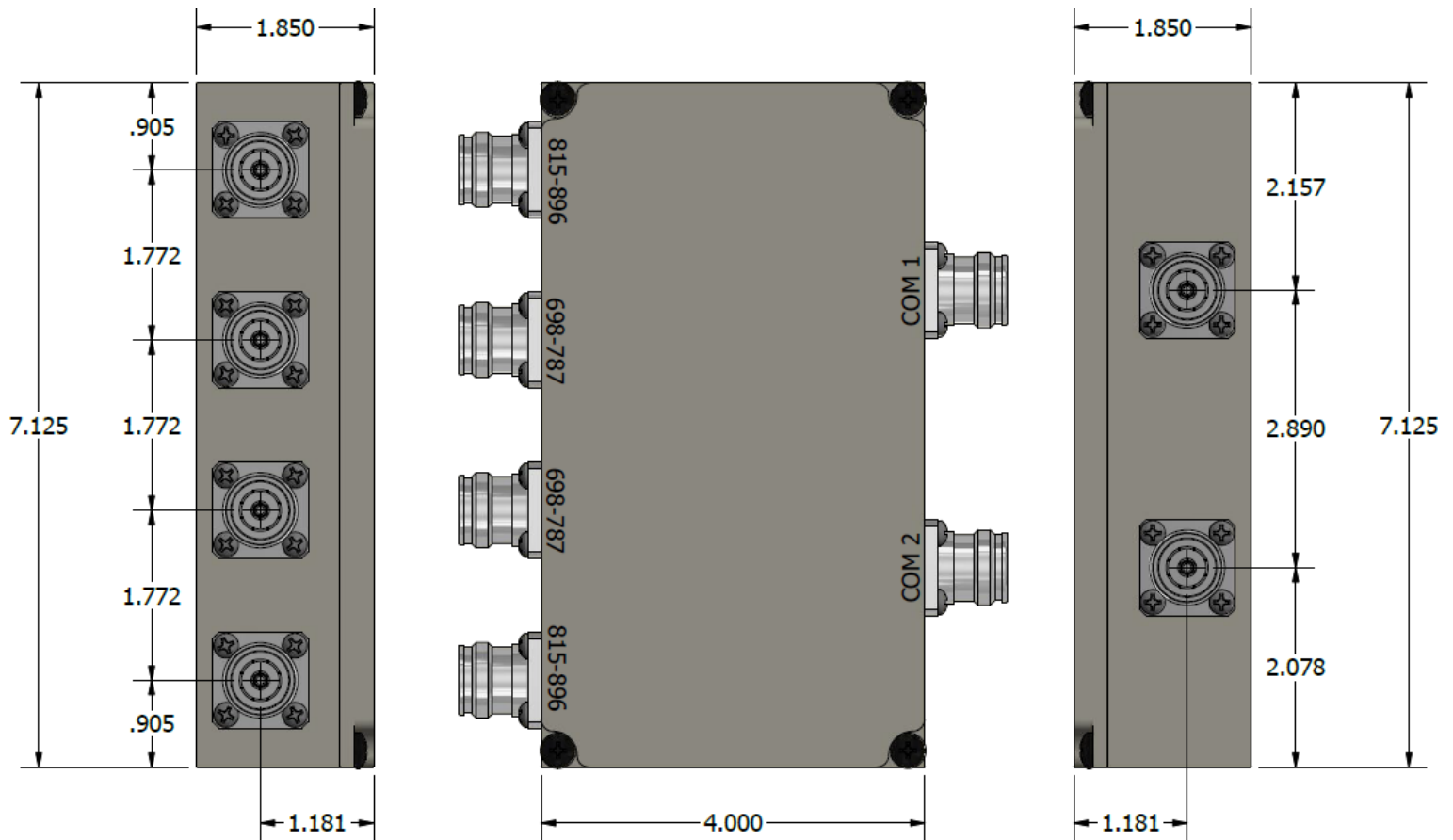
Connectors:	7/16 DIN (D) / Mini-DIN (MD) 4.3-10 (D43) / NEX-10 (X10)
Mounting Method:	Mounting Panel
Temperature Range:	-20°C to 70°C
Weight:	3.50 lbs
Relative Humidity:	5% - 95%
Environment:	IP67

***** ORDERING INFO:**

Stacked Model: Part#: 903C-742-852-*

* - Connector Option

Dimensions for 903C-742-852-D43 (Twin Model)



Please contact our sales department at 737-200-7090 or sales@InnowaveRF.com for any custom requirements.

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