INNOWAVE RF

Innovation in Every Wave

904C-792-827

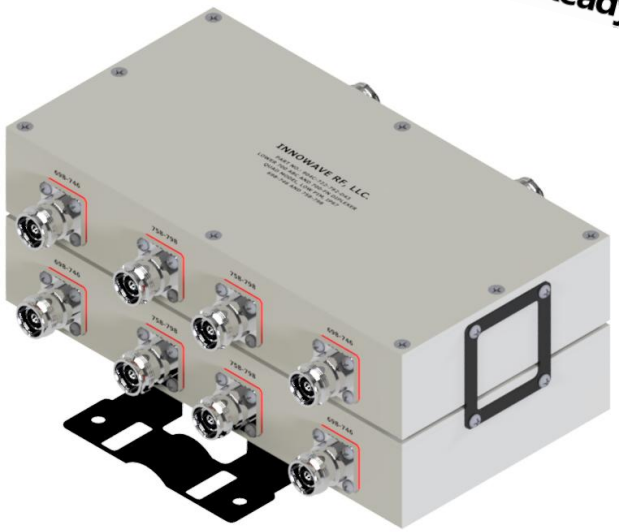
Lower 700 ABC, 850 / 700+FN Combiner / Diplexer

-161dBc PIM, IP67, Quad Model

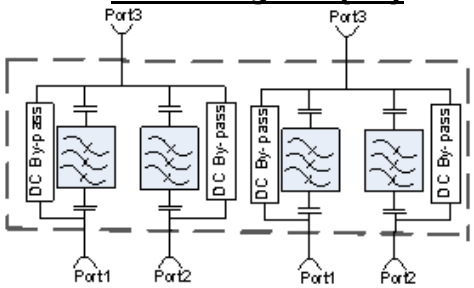
FEATURES:

- Splits or combines the **700 Lower ABC, 850 Bands** *(698MHz–746MHz, 814MHz-896MHz)* and **700+FN Bands** *(698MHz–798MHz)*
- Available in **Single Model (901C Series), Stacked Model (902C Series) & Twin Model (903C Series)**
- Minimum 40dB Isolation between the bands
- Very low Insertion Loss with superior out of band rejections
- Available in 4.3-10 or NEX10 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

FirstNet Ready



Block Diagram (x2)



ELECTRICAL SPECIFICATIONS:

Frequency Bands	**Lower 700 ABC, 850** 698 MHz - 746 MHz 814 MHz - 896 MHz	**700-B14 (FirstNet)** 758 MHz - 798 MHz
Passband Insertion Loss	0.20 dB	
Isolation	≥ 40 dB	
Return Loss	20 dB	
Impedance	50 Ohms	
Input Power / Port	150 Watts (Avg)	
DC Pass Current	4000 mA (Typ) *(DC Block Available on Request)*	
Intermodulation (PIM - 3rd)	-161 dBc (2 Tones +43 dBm)	
Lightning Protection	8/20S 10kA Pulse (IEC 801-5)	
MTBF Hours	≥ 500,000	

MECHANICAL SPECIFICATIONS:

Connectors:	4.3-10 (D43) / NEX10 (X10)
Housing Finish:	Aluminum Body
Mounting Method:	Mounting Bracket
Temperature Range:	-30°C to 75°C
Humidity:	5% – 95%
Weight:	17.00 lbs
Environment:	IP67

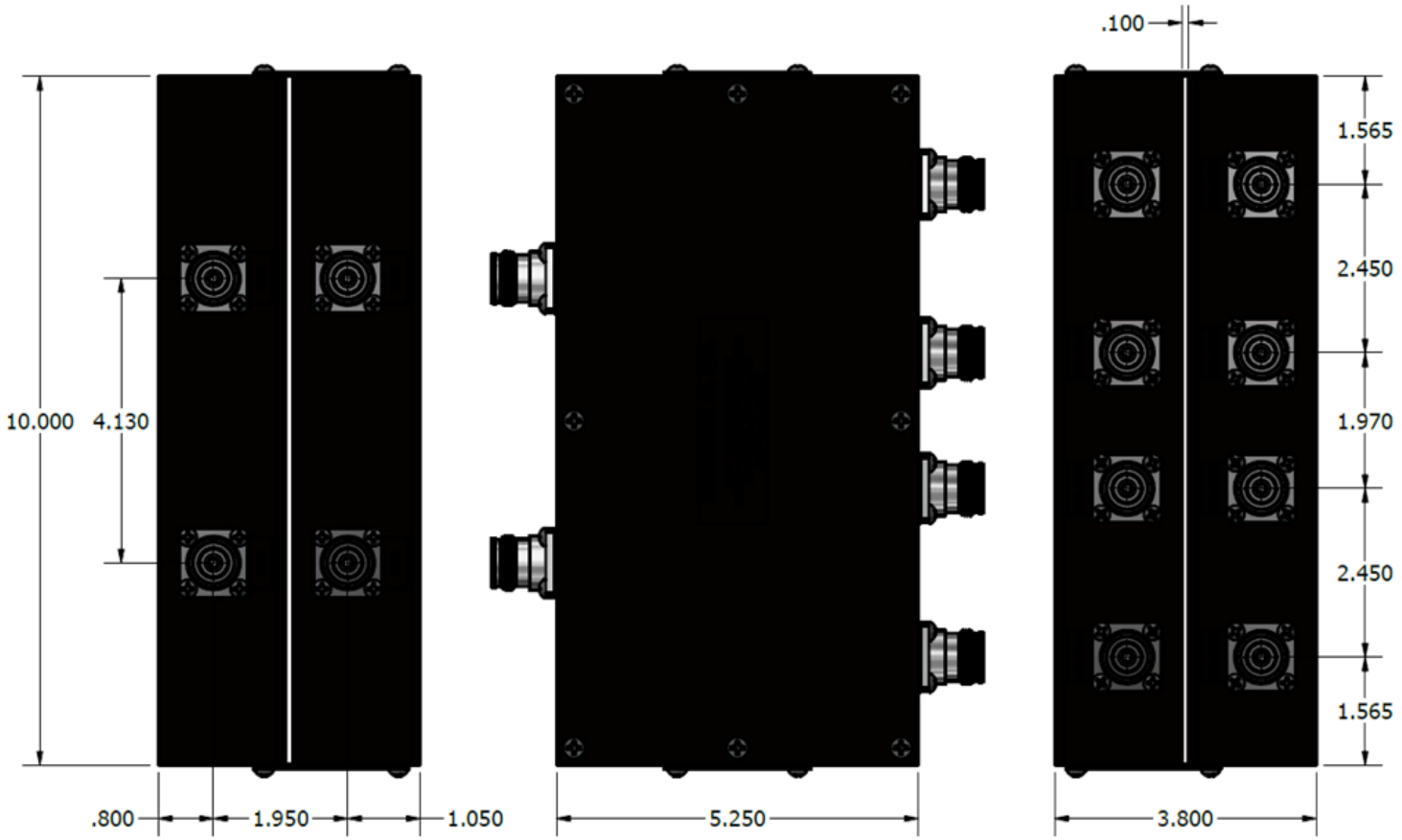
ORDERING INFO:

Single Model:

4.3-10 Connector:	Part#: 904C-792-827-D43
NEX10 Connector:	Part#: 904C-792-827-X10

SINGLE/STACKED/TWIN MODEL AVAILABLE

Dimensions for 904C-792-827-D43



SINGLE/STACKED/TWIN MODELS AVAILABLE

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

© Innowave RF, LLC. All Rights Reserved. Specs can change without notice. Drawings are for reference purpose only.