INNOWAVE RF

Innovation in Every Wave

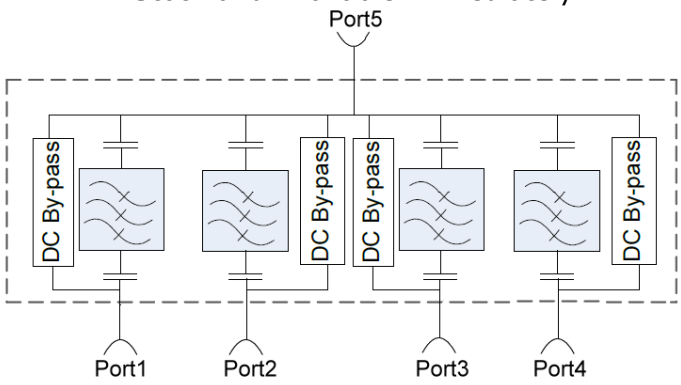
941C-820-2490

600,700+FN/850/PCS,AWS-1,AWS-3/WCS,BRS Combiner / Quadplexer

-161dBc PIM, IP67, Single Model

FEATURES:

- Splits or combines ***600(B71), 700+FN Band*** (617MHz-798MHz), ***850 Bands*** (815MHz-896MHz), ***PCS, AWS-1, AWS-3 Bands*** (1695MHz-2200MHz) and ***WCS, BRS Bands*** (2300MHz-2690MHz)
- 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



ELECTRICAL SPECIFICATIONS:

Frequency Bands	**600(B71), 700+FN** 617MHz - 798MHz	**850** 814MHz - 896MHz	**PCS, AWS-1, AWS-3** 1695MHz - 2200MHz	**WCS, BRS** 2300MHz - 2690MHz
Passband Insertion Loss	0.30 dB			
Isolation	≥ 40 dB			
Return Loss	21 dB			
Impedance	50 Ohms			
Input Power / Port	150 Watts (Avg)			
DC Pass Current	4000 mA (Typ) *(DC Block Available on Request)*			
Intermodulation (PIM-3rd)	-161dBc (2 Tones +43 dBm)			
Lightning Protection	8/20S 10KA Pulse (IEC801-5)			
MTBF Hours	≥ 500,000			

MECHANICAL SPECIFICATIONS:

Connectors:	4.3-10 (D43) / NEX10 (X10)
Housing Finish:	Aluminum Body
Mounting Method:	Mounting Bracket
Weight:	5.00 lbs
Temperature Range:	-30°C to 75°C
Relative Humidity:	5% - 95%
Environment:	IP67

ORDERING INFO:

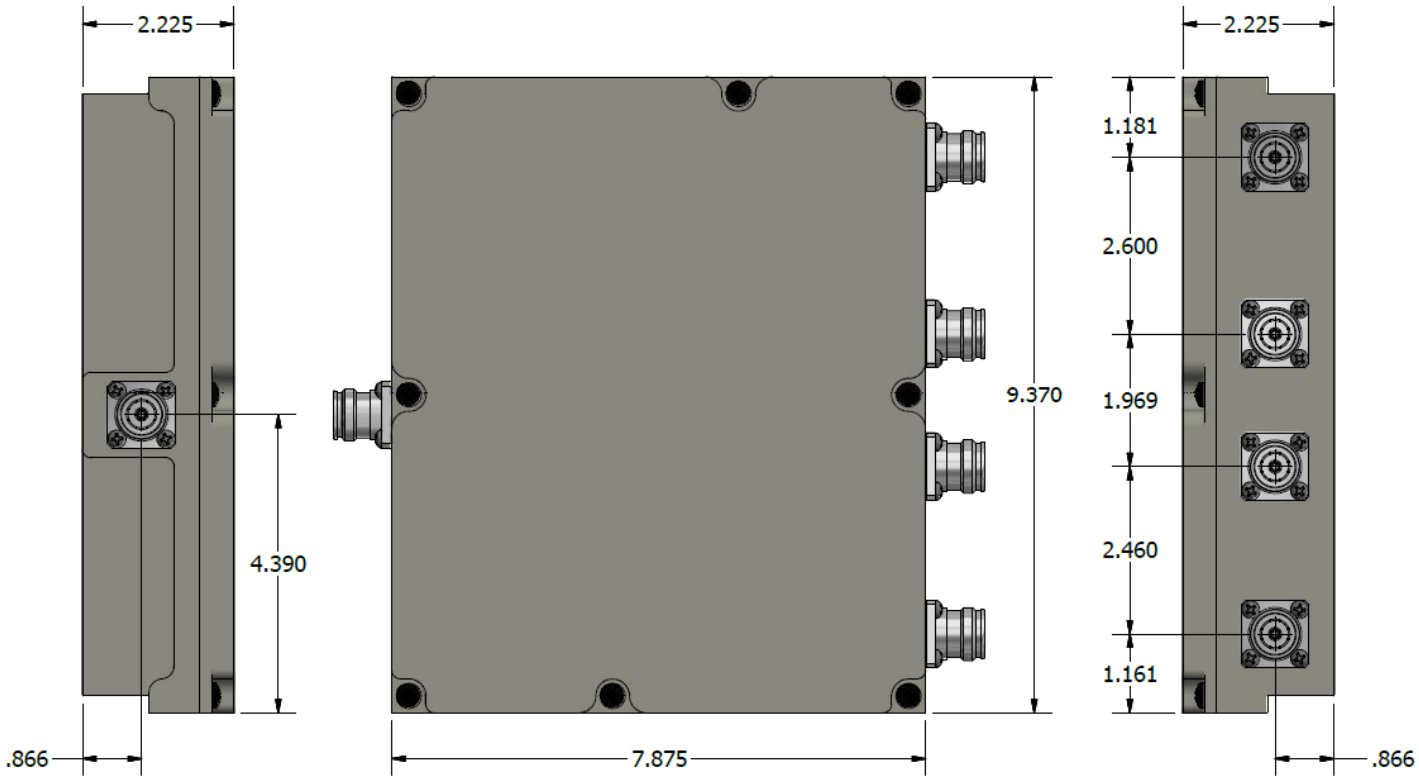
Single Model:

4.3-10 Connector: Part#: 941C-820-2490-D43

NEX10 Connector: Part#: 941C-820-2490-X10

STACKED MODEL AVAILABLE

Dimensions for 941C-820-2490-D43



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.