Low-Band Cellular / Mid-Band Cellular, CBRS, C-Band Combiner / Diplexer -161dBc PIM, IP67, Single Model

### **FEATURES:**

- Splits or combines the 600/700+FN/850 Bands (617MHz-896MHz) and PCS/AWS-**1&3/WCS/BRS/CBRS and C-Band** (1695MHz-2690MHz, 3300MHz-4200MHz)
- Available in Dual / Stacked Model (902C Series), Twin Model (903C Series) & Quad Model (904C Series)
- Minimum 40dB Isolation between the bands

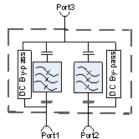
Very low Insertion Loss with superior out of band rejections

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





#### **ELECTRICAL SPECIFICATIONS:**

Frequency Bands	600(B71), 700+FN, 850	PCS, AWS-1&3, WCS, BRS, CBRS, C-Band
	617 MHz - 896 MHz	1695 MHz - 2690 MHz 3300 MHz - 4200 MHz
Passband Insertion Loss	0.20dB (Typ)	
Isolation	≥40dB	
Return Loss	21 dB (Typ)	
Impedance	50 Ohms	
Input Power / Port	150 Watts (Avg)	
DC Pass Current	4000 mA (Typ) (DC Block Available on Request)	
Intermodulation (PIM - 3 <sup>rd</sup> )	-161dBc (Min) (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)

**ORDERING INFO:** 

Housing Finish: Aluminum Body

Mounting Method: Mounting Bracket

Temperature Range: -30°C to 75°C 5% - 95% Humidity:

Weight: 3.75 lbs **Environment:** IP67

4.3-10 Connector:

Single Model:

Part#: 901C-829-3390-D43

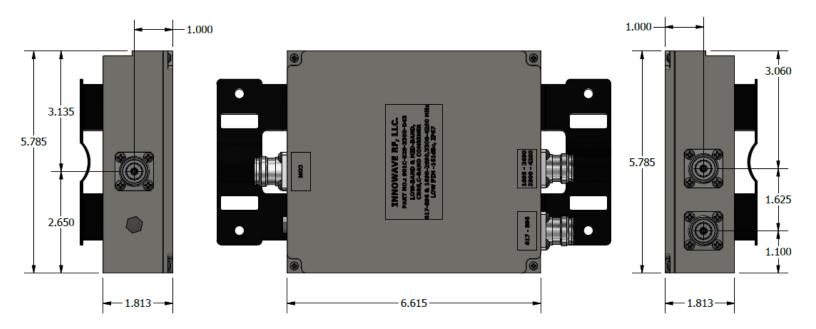
NEX10 Connector: Part#: 901C-829-3390-X10

STACKED/TWIN/QUAD MODEL **AVAILABLE** 



Low-Band Cellular / Mid-Band Cellular, CBRS, C-Band Combiner / Diplexer
-161dBc PIM, IP67, Single Model

# **Dimensions for 901C-829-3390-D43**



# STACKED/TWIN/QUAD UNITS 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.