600,700+FN,850,PCS,AWS-1&3/WCS/BRS Combiner / Triplexer -161dBc PIM, IP67, Single Model

## **FEATURES:**

- Splits or combines the **600 (B71), 700+FN, 850, PCS, AWS-1 & AWS-3 Bands** (617MHz-2200MHz) and **WCS Band** (2300MHz-2360MHz), **BRS Band** (2496MHz-2690MHz)
- Available in **Dual / Stacked Model (932C Series)**
- Minimum 40dB Isolation between the bands

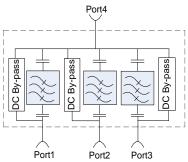
Very low Insertion Loss with superior out of band rejections

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, 700, 850, PCS, AWS	WCS	BRS
	617MHz - 2200MHz	2300MHz - 2360MHz	2496MHz - 2690MHz
Passband Insertion Loss	0.25 dB (Typ)		
Isolation	≥ 40 dB (Typ)		
Return Loss	21 dB (Typ)		
Impedance	50 Ohms		
Input Power	150 Watts (Avg)		
Intermodulation (PIM - 3 <sup>rd</sup> )	-161dBc (Min) (2 Tones +43 dBm)		
DC Pass Current	4000 mA (Typ) (DC Block Available on Request)		
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

Temperature Range: -30°C to 75°C

5% - 95% Humidity:

Weight: 4.00 lbs IP67 **Environment:** 

**ORDERING INFO:** 

**Single Model:** 

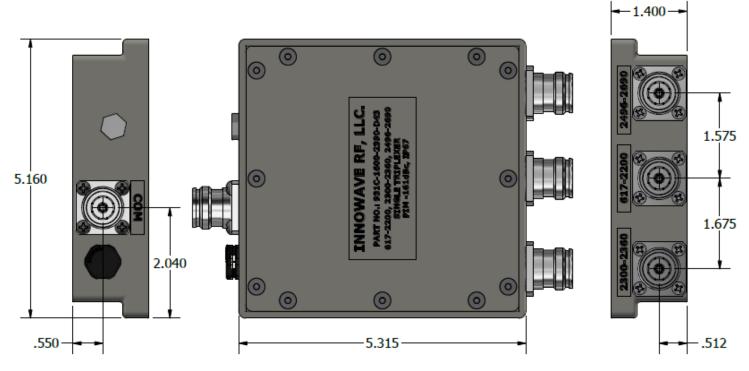
4.3-10 Connector: Part#: 931C-1600-2390-D43

Part#: 931C-1600-2390-X10 NEX10 Connector:

STACKED MODEL AVAILABLE

600,700+FN,850,PCS,AWS-1&3/WCS/BRS Combiner / Triplexer
-161dBc PIM, IP67, Single Model

## **Dimensions for 931C-1600-2390-D43**



**DUAL/STACKED UNITS AVAILABLE (932C SERIES)** 

Please contact our sales department at 737-200-7090 or <a href="mailto:sales@InnowaveRF.com">sales@InnowaveRF.com</a> for any custom requirements. © Innowave RF, LLC. All Rights Reserved. Specs can change without notice. Drawings are for reference purpose only.