

**FEATURES:**

- Duplexing for
  - **700 MHz Band Uplink (RX)** (699 – 716 and 777 – 798 MHz) and **Downlink (TX)** (729 – 746 and 746 - 768 MHz)
  - **850 MHz Band Uplink (RX)** (824 – 849 MHz) and **Downlink (TX)** (869 – 894 MHz)
- 9dB Attenuation on Downlink / TX Ports.
- Pass-through for Uplink / RX Ports. 0.50 dB (Typ) insertion loss
- Single unit. Dual /Stacked units Available
- Superior Insertion Loss and out of band rejections
- Ease of Mounting with mounting holes and brackets
- Low-PIM with High Power Handling
- Available in 4.3-10 or NEX10 Connectors
- RoHS Compliant
- Weatherproof for Outdoor installation
- In Stock and Available Immediately



**ELECTRICAL SPECIFICATIONS:**

Frequency Bands	Downlink Freq (TX)	Uplink Freq (RX)
	729MHz – 746MHz 746MHz – 769MHz 869MHz – 894MHz	699MHz – 716MHz 777MHz – 798MHz 824MHz – 849MHz
Passband Insertion Loss	With 9dB Attn --- 9.50 dB ± 0.50 dB	0.50 dB ± 0.25 dB
Isolation	50 dB @ 699MHz – 716MHz @ 777MHz – 798MHz @ 824MHz – 849MHz	50 dB @ 729MHz – 746MHz @ 746MHz – 769MHz @ 869MHz – 894MHz
	≥ 35dB @ 1600MHz – 2700MHz	
Return Loss	20 dB	
Impedance	50 Ohms	
Input Power /Port	100 Watts (Avg)	
Intermodulation (PIM - 3 <sup>rd</sup> )	-157 dBc (2 Tones +43 dBm)	
MTBF Hours	≥ 500,000	

**MECHANICAL SPECIFICATIONS:**

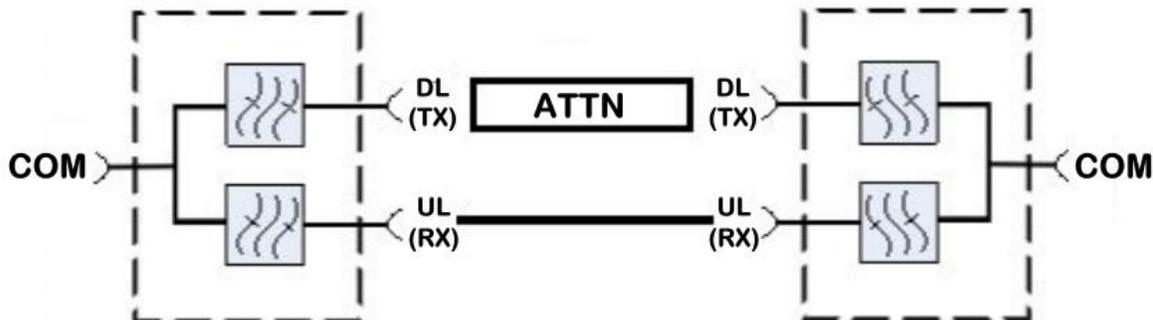
- Connectors: 4.3-10 (D43)
- Housing Finish: Aluminum Body
- Mounting Method: Mounting Bracket
- Temperature Range: -35°C to 75°C
- Weight: 19.00 lbs
- Relative Humidity: 5% - 95%
- Environment: IP67

**ORDERING INFO:**

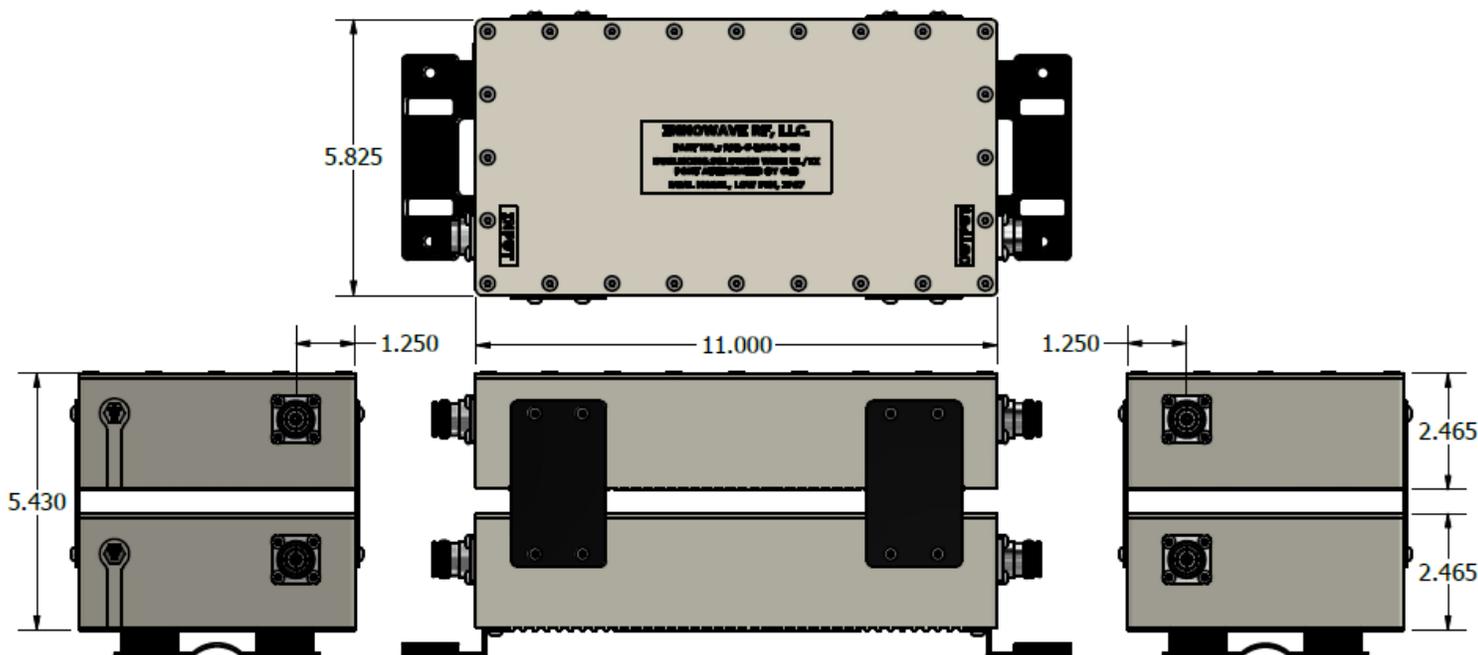
- 4.3-10 Connector: Part#: 992-9-800-D43
- NEX10 Connector: Part#: 992-9-800-X10

**SINGLE MODEL AVAILABLE**

**Block Diagram for 992-9-800-D43 (x2)**



**Dimensions for 992-9-800-D43**



**ORDERING INFO:**

Part Number Ordering Info		
Attenuation Value on DL/TX Port	Corresponding Part Number w/4.3-10 Conn	
	Single	Dual / Stacked
6 dB	991-6-800-D43	992-6-800-D43
9 dB	991-9-800-D43	992-9-800-D43
XX dB (Custom Value)	991-XX-800-D43	992-XX-800-D43
	Corresponding Part Number w/NEX10 Conn	
	Single	Dual / Stacked
6 dB	991-6-800-X10	992-6-800-X10
9 dB	991-9-800-X10	992-9-800-X10
XX dB (Custom Value)	991-XX-800-X10	992-XX-800-X10

Please contact our sales department at 737-200-7090 or [sales@InnowaveRF.com](mailto:sales@InnowaveRF.com) for any custom requirements.

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