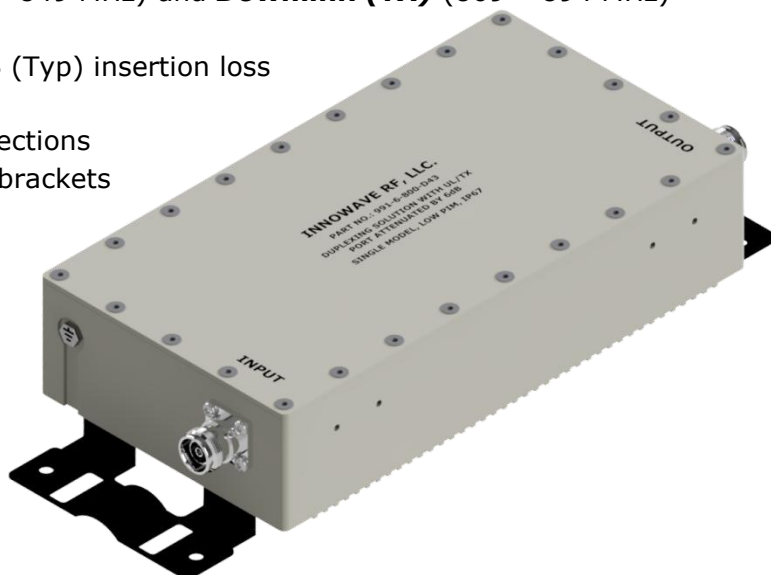


FEATURES:

- 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 $\pm$ 0.50 dB	0.50 dB $\pm$ 0.25 dB
Isolation	50 dB @ 699MHz – 716MHz @ 777MHz – 798MHz @ 824MHz – 849MHz	50 dB @ 729MHz – 746MHz @ 746MHz – 769MHz @ 869MHz – 894MHz
	$\geq$ 35dB @ 1600MHz – 2700MHz	
Return Loss	20 dB	
Impedance	50 Ohms	
Input Power /Port	100 Watts (Avg)	
Intermodulation (PIM - 3 rd)	-157 dBc (2 Tones +43 dBm)	
MTBF Hours	$\geq$ 500,000	

MECHANICAL SPECIFICATIONS:

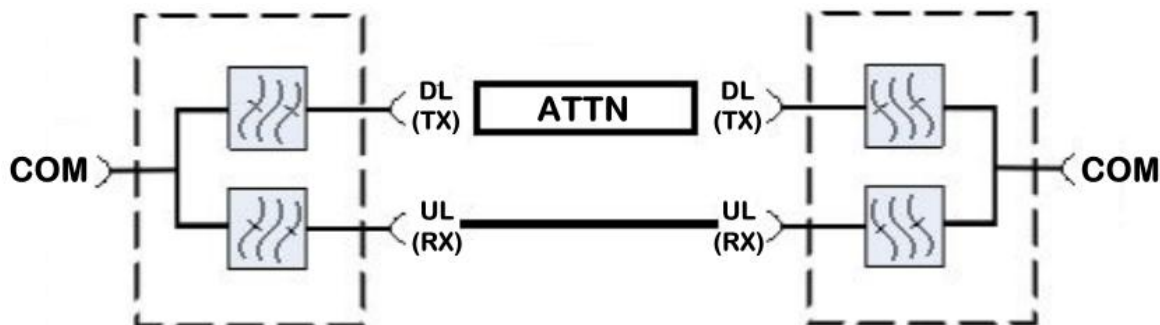
Connectors:	4.3-10 (D43)
Housing Finish:	Aluminum Body
Mounting Method:	Mounting Bracket
Temperature Range:	-35°C to 75°C
Weight:	9.00 lbs
Relative Humidity:	5% - 95%
Environment:	IP67

ORDERING INFO:

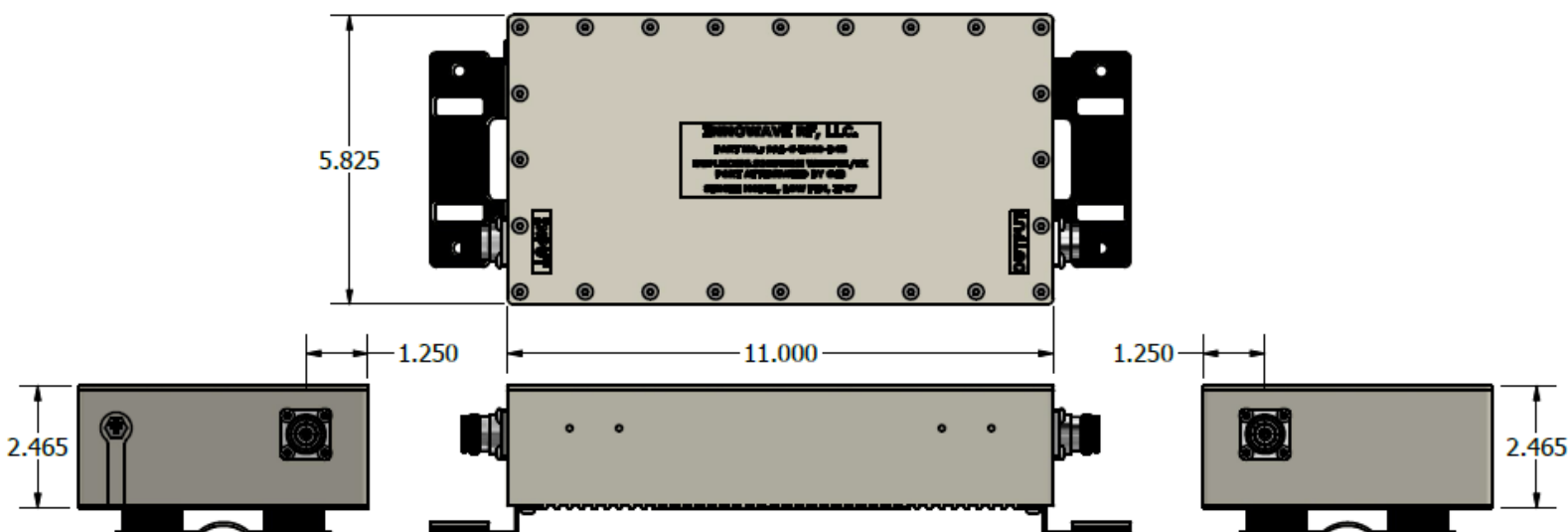
4.3-10 Connector:	Part#: 991-9-800-D43
NEX10 Connector:	Part#: 991-9-800-X10

DUAL MODEL AVAILABLE

Block Diagram for 991-9-800-D43



Dimensions for 991-9-800-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 (<i>Custom Value</i>)	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 (<i>Custom Value</i>)	991-XX-800-X10	992-XX-800-X10

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

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