

FEATURES:

- Duplexing for
 - **1900 PCS Band Uplink (RX)** (1850 – 1915 MHz) and **Downlink (TX)** (1930 – 2000 MHz)
 - **2100 AWS Band Uplink (RX)** (1695 – 1780 MHz) and **Downlink (TX)** (2110 – 2200 MHz)
- 6dB 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) 1930MHz – 2000MHz 2110MHz – 2200MHz	Uplink Freq (RX) 1850MHz – 1915MHz 1695MHz – 1780MHz
Passband Insertion Loss	With 6dB Attn --- 6.30 dB $\pm$ 0.50 dB	0.50 dB $\pm$ 0.25 dB
Isolation	50 dB @ 1850MHz – 1915MHz @ 1695MHz – 1780MHz	50 dB @ 1930MHz – 2000MHz @ 2110MHz – 2200MHz
	$\geq$ 35dB @ 600MHz – 1600MHz and 2300MHz – 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:

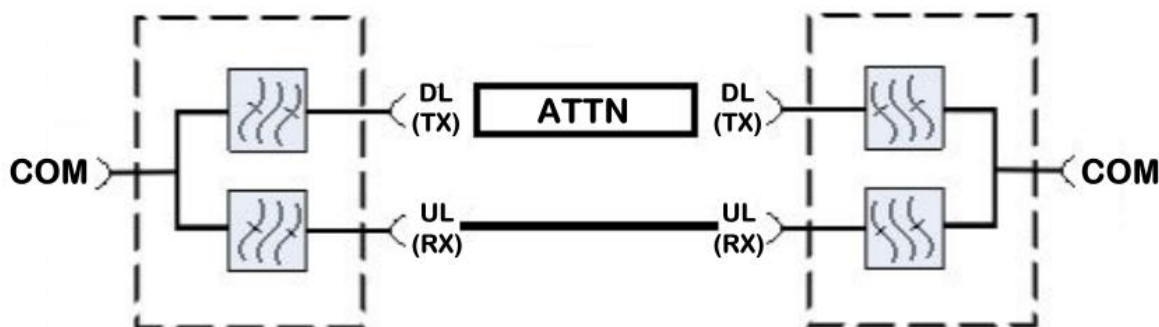
Connectors:	4.3-10 (D43)
Housing Finish:	Aluminum Body
Mounting Method:	Mounting Bracket
Temperature Range:	-35°C to 75°C
Weight:	9.00 lbs
Relative Humidity:	5% - 95%
Environment:	IP67

ORDERING INFO:

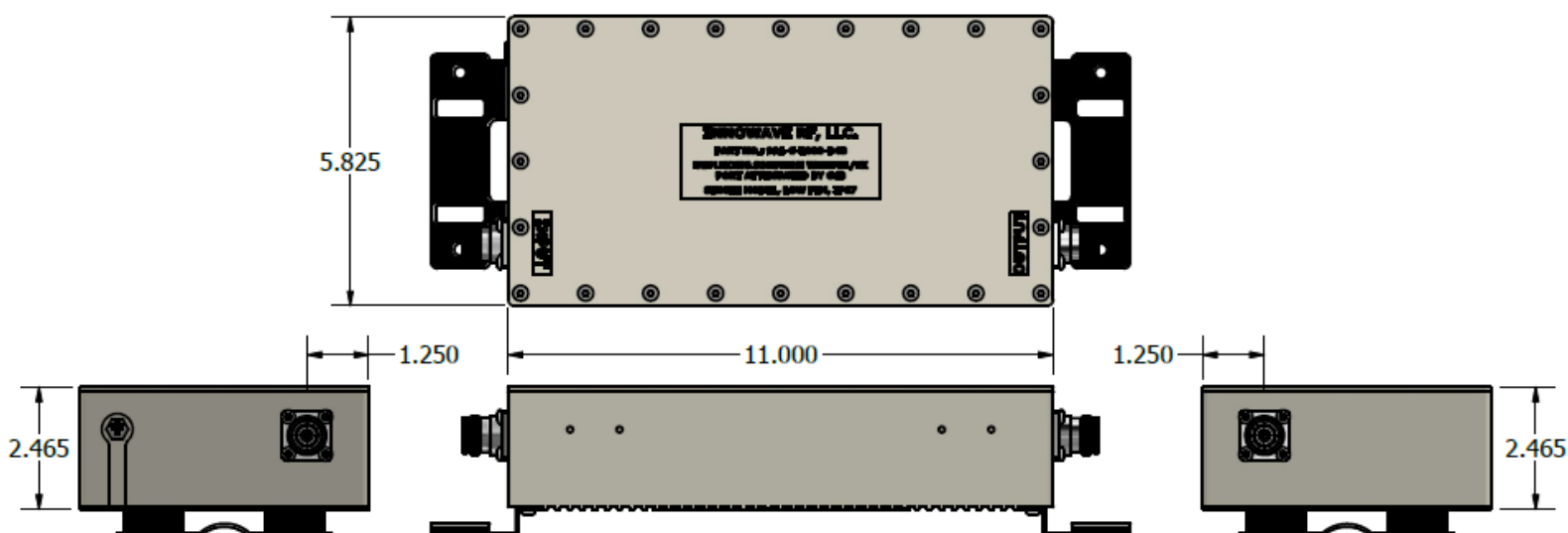
4.3-10 Connector:	Part#: 991-6-2000-D43
NEX10 Connector:	Part#: 991-6-2000-X10

DUAL MODEL AVAILABLE

Block Diagram for 991-6-2000-D43



Dimensions for 991-6-2000-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	991-6-2000-D43	992-6-2000-D43
9 dB	991-9-2000-D43	992-9-2000-D43
XX dB (<i>Custom Value</i>)	991-XX-2000-D43	992-XX-2000-D43
	Corresponding Part Number w/NEX10 Conn	
	Single	Dual / Stacked
6 dB	991-6-2000-X10	992-6-2000-X10
9 dB	991-9-2000-X10	992-9-2000-X10
XX dB (<i>Custom Value</i>)	991-XX-2000-X10	992-XX-2000-X10

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

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