



## CMN538-20

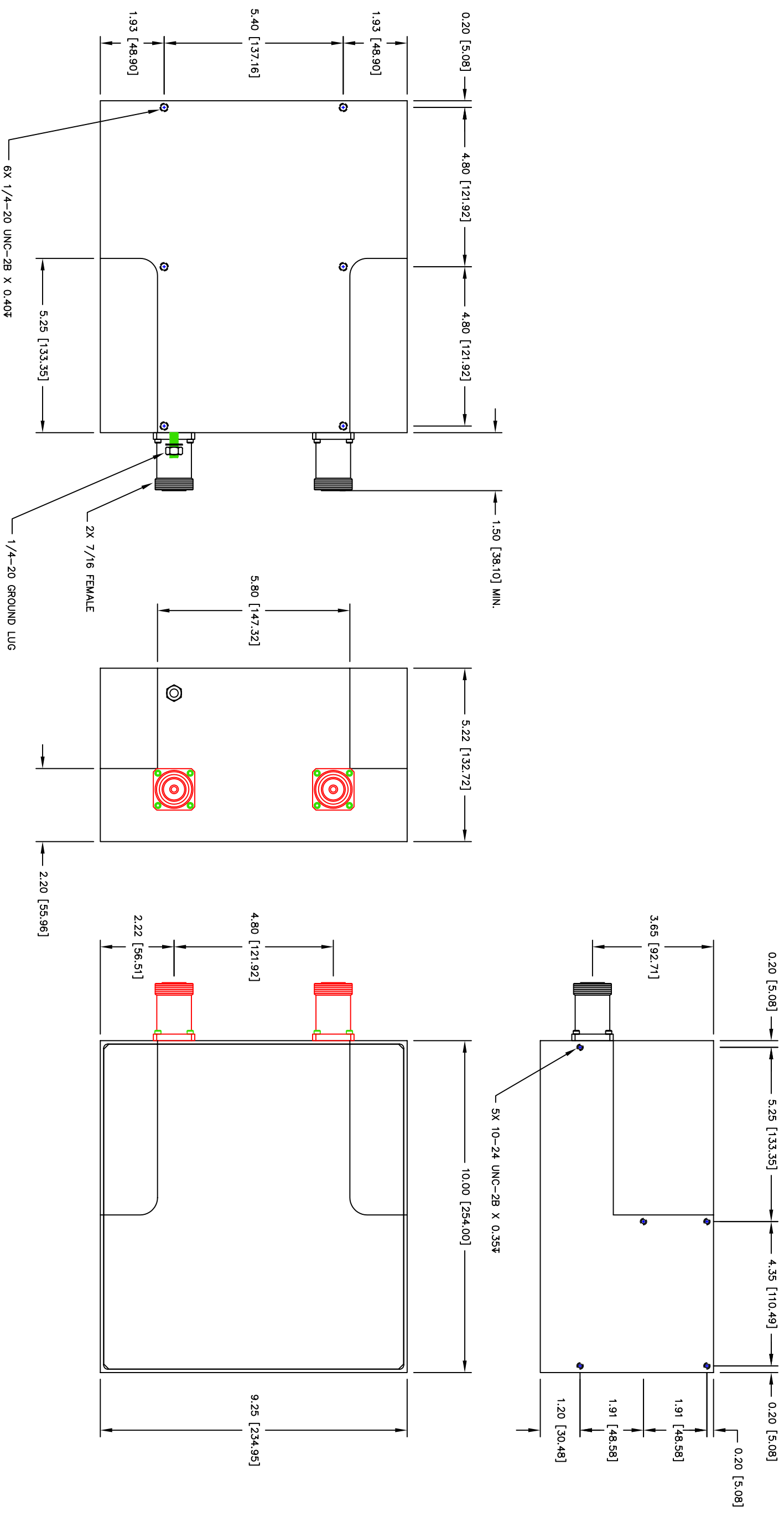
### 900 MHz Transmit Filter, 20dB Rejection

Revision 2 • May 22, 2007

<b>Passband:</b>	824 to 894 MHz
<b>Passband Insertion Loss:</b>	0.50dB max.
<b>Rejection:</b>	
896 – 901 MHz	20 dB minimum;
<b>Passband Return Loss:</b>	18 dB minimum
<b>Passband Power Handling:</b>	
Average:	500 watts
Peak Instantaneous (PIP):	12500 watts
<b>Operating Altitude:</b>	10,000 Feet maximum
<b>Weatherproofing:</b>	
Housing:	To ETSI 300-19-2-4
Connectors:	Sealed to IP68 (Unmated)
<b>Intermodulation:</b>	-110 dBm maximum w/two +43 dBm carriers
<b>Dimensions:</b>	o1-CMN538-20r2
<b>Mounting:</b>	Rack Mount Tray Outdoor Catwalk (Ice Bridge) Pole Mount
<b>Operating Temperature:</b>	-30°C to +54°C
<b>Storage Temperature:</b>	-40°C to +85°C

NOTES: UNLESS OTHERWISE SPECIFIED

1. FINISH: SEMIGLOSS WHITE EPOXY PAINT, COLOR NO. 27925 PER FED-STD-595A.
2. MARKING: LABEL.
3. CONNECTOR THREADS AND MOUNTING HOLES ARE PAINT FREE.



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DRAWN:	ID	04/17/2006	TOLERANCES:	SIZE	DWG NO.	REV
ENG:			.XX: ± .01	B	OUTLINE CMN538-20	02
RELEASED:			.XXX: ± .002	CAGE:	1SCX4	
			.XXXX: ± .0005	SHEET	1 OF 1	
			ANGLES: ± 1°			