

RESTRICTION ON USE, DUPLICATION OR DISCLOSURE OF PROPRIETARY INFORMATION  
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REVISION HISTORY			
REV	REVISION RECORD	DATE	APPROVED
	INITIAL RELEASE	1/27/11	

Notes:

- 1.) Material: Aluminum 6061-T6
- 2.) Finish: Chem. Per MIL-DTL-5531F Type I Class 3 (Yellow Iridite)
- 3.) Watertight Case
- 4.) Connectors: See chart below
- 5.) Operating Temperature: -55°C to +75°C
- 6.) Storage Temperature: -60°C to +85°C
- 7.) **Humidity: 100% Condensing. Watertight Design, O-Ring Sealed**
- 8.) Weight: 2.5 pounds


**Model D8851W**  
**2-Way Combiner/Divider**

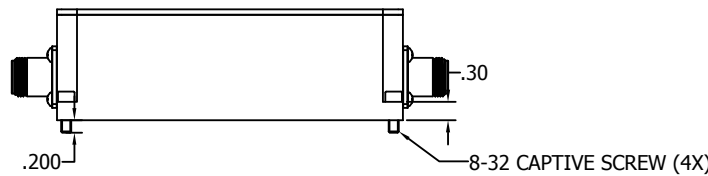
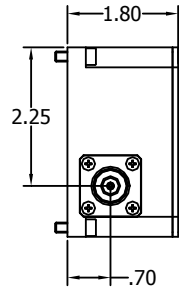
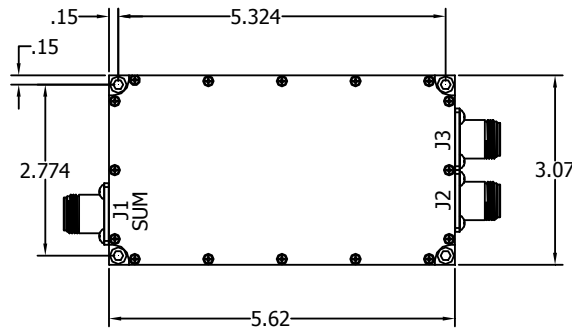
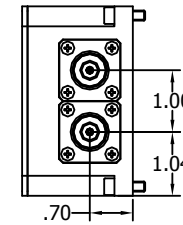
Electrical Specifications:

Frequency:	20-1000 MHz
Power:	500 W CW
Insertion Loss:	0.7 dB Max.
VSWR:	1.35:1 Max.
Phase Balance:	± 5° Max
Amplitude Balance:	± 0.3 dB Max.
Isolation:	15 dB Min.

Standard connector configurations are as follows:

Model	Sum Port (J1)	Inputs (J2,J3)
D8851W-10	N Female	N Female
D8851W-12	N Female	SMA
D8851W-41	SC Female	N Female

UNLESS OTHERWISE SPECIFIED		DWG#	DATE	 <b>WERLATONE</b>   SINCE 1965   17 Jon Barrett Rd Patterson, NY 12563
• INTERPRET DRAWING LAW MIL-STD-100	• DIMENSIONING PER ASME Y14.5M-2009	CHK	DATE	
• PARANTHETICAL INFO FOR REF ONLY	• DIMENSIONS ARE IN INCHES	ENGR	DATE	TITLE
• DIMENSIONAL LIMITS APPLY BEFORE PROCESSES	• TOLERANCES: ANGLES ±2°	MFR	DATE	SIZE
	3 PL ± .005	QA	DATE	CAGE CODE
	2 PL ± .015	RLSE	DATE	DWG NO
• REMOVE ALL BURRS AND SHARP EDGES	R.01 MAX			REV
• CONCENTRICITY MACHINED DIA.: .002 FIM	• MACHINE TOOL MISMATCH .003 MAX			
THIRD ANGLE PROJECTION				



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SHEET 1 OF 1