



WERLATONE

Model D9922

Combiners In-Phase Non-Connectorized



PRODUCT DATA SHEET

D9922

Werlatone® Mismatch Tolerant® High Power Broadband RF Combiners and Dividers will operate into High Load VSWR Conditions, for extended periods, without damage. With extensive experience as a supplier to military platforms worldwide **Werlatone®** designs its High Power Broadband Combiners, Power Dividers, and N-Way Combiners for proper operation in the most stringent operating conditions.

Features:

High Power

Wide Bandwidths

Small Size

High Isolation

Custom Designs Available

Electrical Specifications:

Frequency:	2000 - 6000 MHz
Power:	200 W CW
Insertion Loss:	0.35 dB Max.
VSWR:	1.40:1 Max.
Phase Balance:	± 5° Max.
Amplitude Balance:	0.25 dB Max.
Isolation:	15 dB Min.

Mechanical Specifications:

Type:	Non-Connectorized
Material:	Aluminum 6061-T6
Surface Finish:	Immersion Silver (RoHS Compliant Available)
Operating Temperature:	-55°C to +75°C
Storage Temperature:	-60°C to +85°C
Weight:	0.288 oz.
Size:	1.4 x 1.1 x 0.14"

Port Configurations:

Model
D9922-Ag

J1
Sum Port

J2/J3
Input Ports

J4/J5
Termination Ports

When specified, Werlatone® High Power Combiners and RF Dividers will tolerate full input failures on adjacent port(s). This insures that remaining transmitter(s) may continue to operate until the amplifier system can be properly shut down for maintenance. Choose your specific connector configuration from a list of options. Additional connector configurations for our High Power RF Combiners/Dividers, Non-Coherent Combiners, and N-Way Combiners are available upon request.

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Werlatone, Inc. 17 Jon Barrett Road Patterson, NY 12563 T:(845)278-2220 F:(845)278-3440 sales@werlatone.com www.werlatone.com



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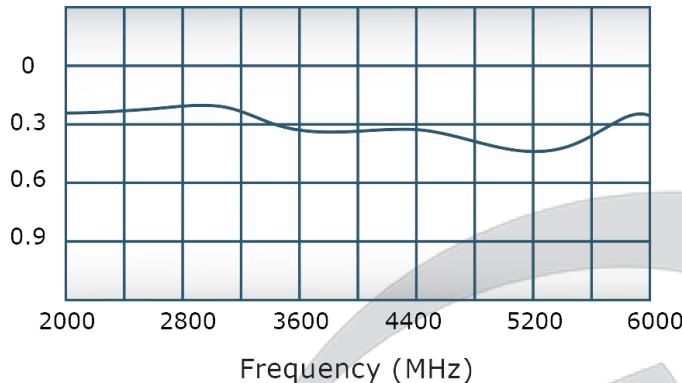


PRODUCT DATA SHEET

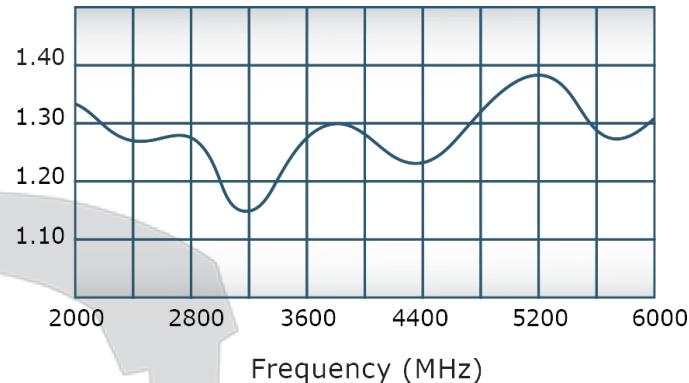
D9922

Performance Data (Specifications subject to change without notice):

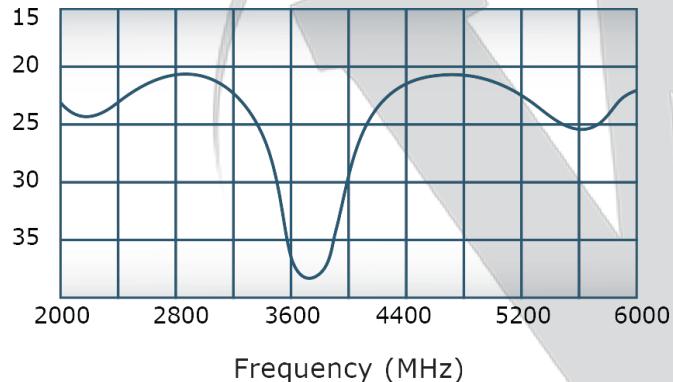
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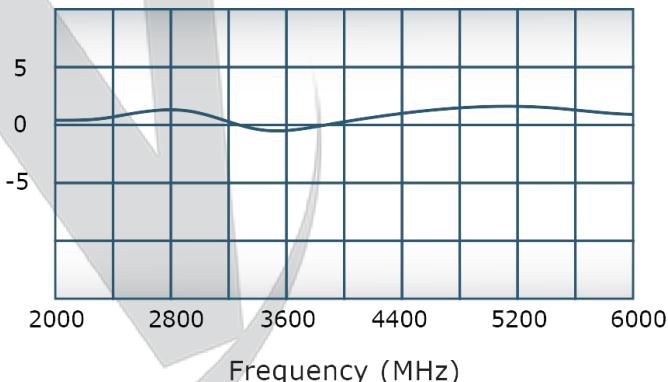
VSWR:



Isolation:



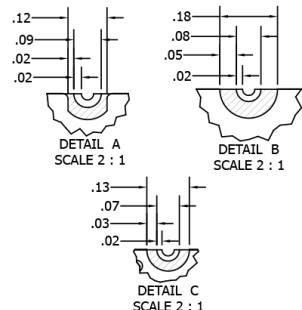
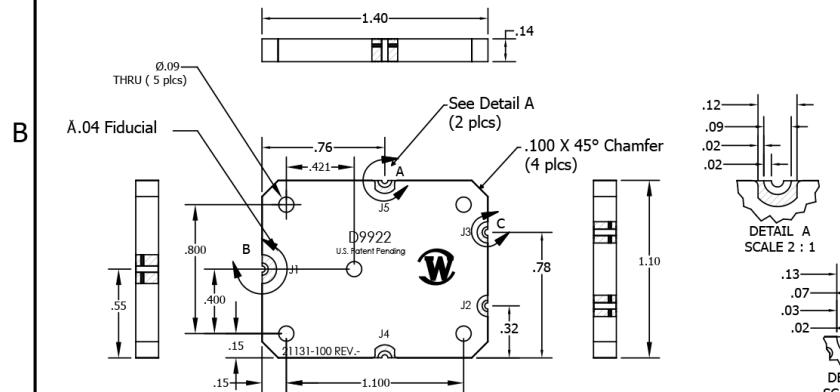
Directivity:



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REVISION HISTORY			
REV	REVISION RECORD	DATE	APPROVED
-	Initial RIs	1/27/2014	BW
A	ECN 9145	8/16/2016	CS

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		UNLESS OTHERWISE SPECIFIED		DWN	DATE	17 Jon Barrett Rd	
		•	INTERPRET DRAWING IAW MIL-STD-100	NH	01/27/14	 WERLATONE SINCE 1965	
		•	DIMENSIONING AND TOLERANCING ASME Y14.5M-2009	CHK	DATE		
		•	PARALLEL DIMMING INDICATED FOR REFERENCE ONLY	BW	01/27/14		
		•	DIMENSIONS ARE IN INCHES	ENGR	DATE		
		•	DIMENSIONAL LIMITS APPLY BEFORE	MFGR	DATE		
		•	PROCESSES	QA	DATE	SIZE	CAGE CODE
21222-100		•	TOLERANCES: ANGLES $\pm 2^\circ$ 3 PL $\pm .005$ 2 PL $\pm .015$	RLSE	DATE	A	DWG NO
NEXT ASSY	USED ON					28812	21131-500
APPLICATION			THIRD ANGLE PROJECTION			REV	A
						SCALE	1:1
							SHEET 1 OF 1