



WERLATONE

Model D9667

Combiners In-Phase Connectorized



PRODUCT DATA SHEET

D9667

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:	500 W CW
Insertion Loss:	0.5 dB Max.
VSWR:	1.50:1 Max.
Phase Balance:	± 5° Max.
Amplitude Balance:	0.25 dB Max.
Isolation:	15 dB Min.

Mechanical Specifications:

Type:	Connectorized
Material:	Aluminum 6061-T6
Surface Finish:	Chem. Film Per MIL-DTL-5541F Type I Class 3 (Yellow Iridite) RoHS Compliant Available
Operating Temperature:	-55°C to +75°C
Storage Temperature:	-60°C to +85°C
Weight:	10 oz.
Size:	2.52 x 2.4 x 1.16"

Connector Configurations:

Model	Sum Port (J1)	Input/Output (J2)	Input/Output (J3)
D9667-10	N Female	N Female	N Female
D9667-12	N Female	SMA	SMA
D9667-300	TNC	TNC	TNC

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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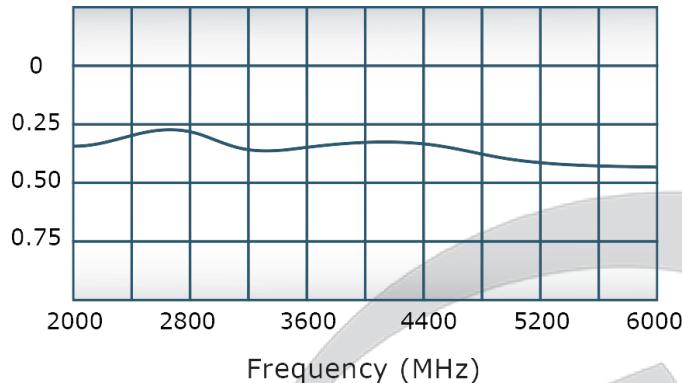


PRODUCT DATA SHEET

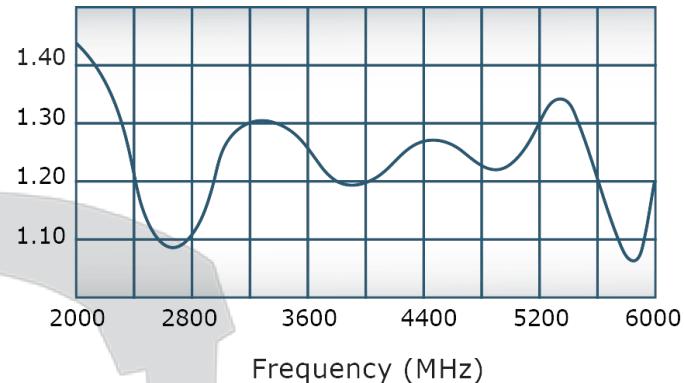
D9667

Performance Data (Specifications subject to change without notice):

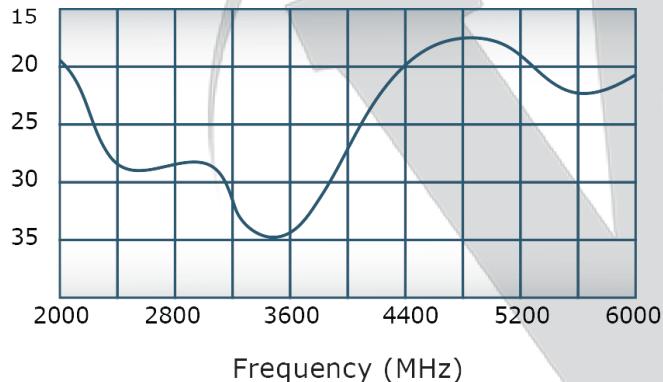
Insertion Loss:



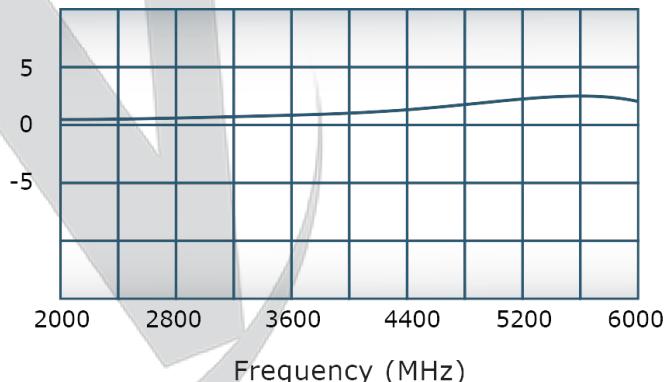
VSWR:



Isolation:



Phase Balance:



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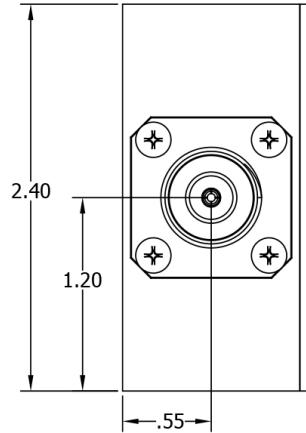
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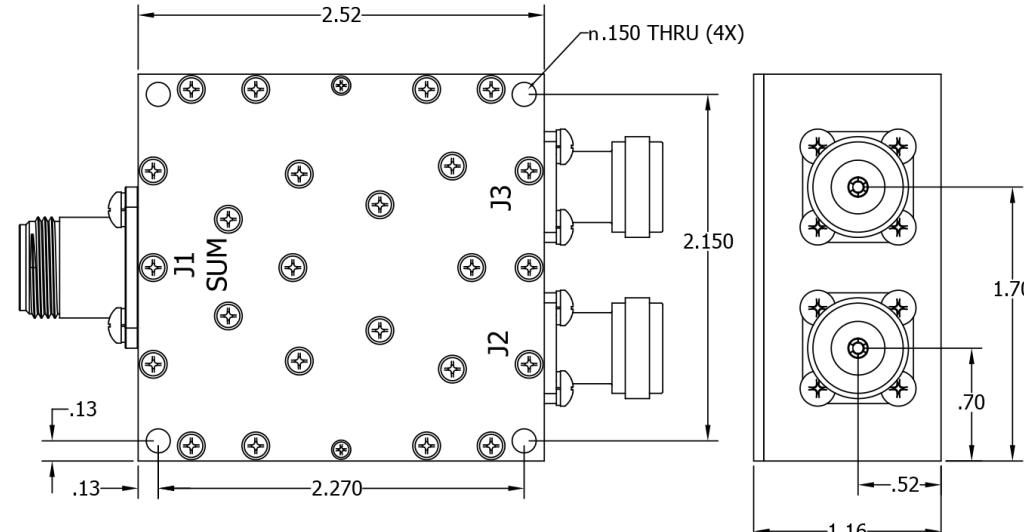
1 REVISION HISTORY

REV	REVISION RECORD	DATE	APPROVED
-	INITIAL RLS	7/15/2013	BW

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UNLESS OTHERWISE SPECIFIED		DWN	DATE	17 Jon Barrett Rd			
•	INTERPRET DRAWING IAW MIL-STD-100	NH	07/15/13	WERLATONE	SINCE 1965		
•	DIMENSIONING AND TOLERANCING ASME Y14.5M-2009	CHK	DATE	Patterson, NY 12563			
•	PARTS DRAWN IN INCHES, INCHES ONLY	BW	07/15/13				
•	DIMENSIONS ARE IN INCHES	ENGR	DATE				
•	DIMENSIONAL LIMITS APPLY BEFORE	BW	07/15/13				
•	PROCESSES	MFGR	DATE				
•	TOLERANCES: ANGLES $\pm 2^\circ$ 3 PL $\pm .005$ 2 PL $\pm .015$	QA	DATE	SIZE	CAGE CODE DWG NO		
		RLSE	DATE	A	28812 21038-500		
				SCALE	1:1		
				REV -			
THIRD ANGLE PROJECTION							
OUTLINE							
SHEET 1 OF 1							

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