

Our patented	3 dB 90° Hybrid Couple	ers provide:		
Thicker ofBondedMore set	component performance center boards for high po- structures which eliminat ctions per bandwidth for b lly shorter and physically	wer and increas e any air gaps b petter coupling t	ed repeatability. Detween substrates flatness.).
Features:				
High Power	Wide Bandwidths	Small Size	Connectorized	Drop-In & Surface Moun
Electrical Spec	ifications:			
Frequency: Power: Insertion Loss: VSWR: Phase Balance: Amplitude Balar Isolation:	80 - 1000 MHz 100 W CW 1.0 dB Max. 1.40:1 Max. 90° ± 5° Max. ± 1.0 dB Max. 16 dB Min.			
Mechanical Sp	ecifications:			
Type: Material: Surface Finish:	Chem. F Class 3	ım 6061-T6 Film Per MIL-DTI (Clear Iridite) R	L-5541F Type II oHS Compliant	
Operating Temp Storage Temper Weight: Size:	ature: -60°C to 5.65 oz.	o +75°C o +85°C		
Connector Cor	figurations:			
Model QH9103-102	Sum Port (J1) SMA	0°, +90° (J2,J Sma	3) ISO P SMA	ort (J4)
"QH9103R-102"	indicates a RoHS Complia	ant design.		

Hybrid Couplers. Connectorized 3 dB 90° Hybrid Coupler models are available with a choice of connectors. Several of our existing High Power 3 dB 90° RF Couplers are three port designs, wherein the difference port is internally terminated with a high power termination. This eliminates the need for a customer supplied external load for each Hybrid Coupler.

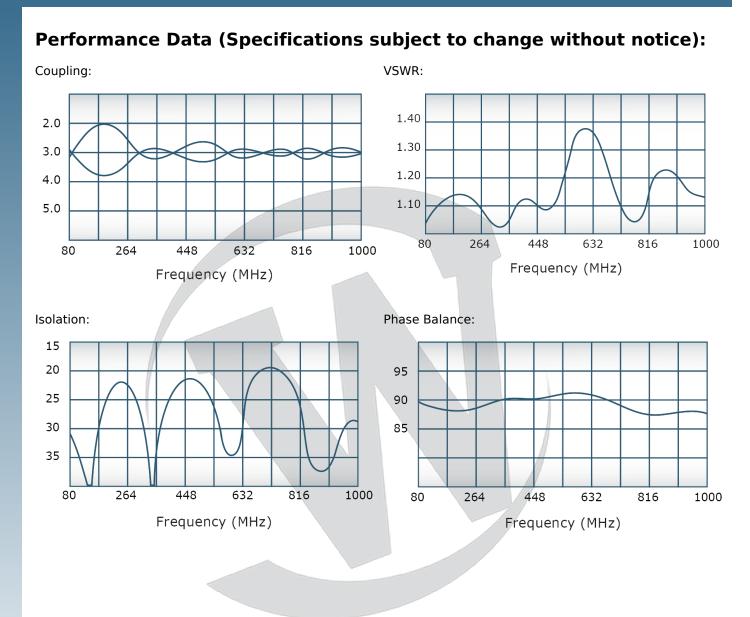
Restriction on use, duplication, or disclosure of proprietary information. This document contains proprietary information which is the sole property of Werlatone, Inc.

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



PRODUCT DATA SHEET

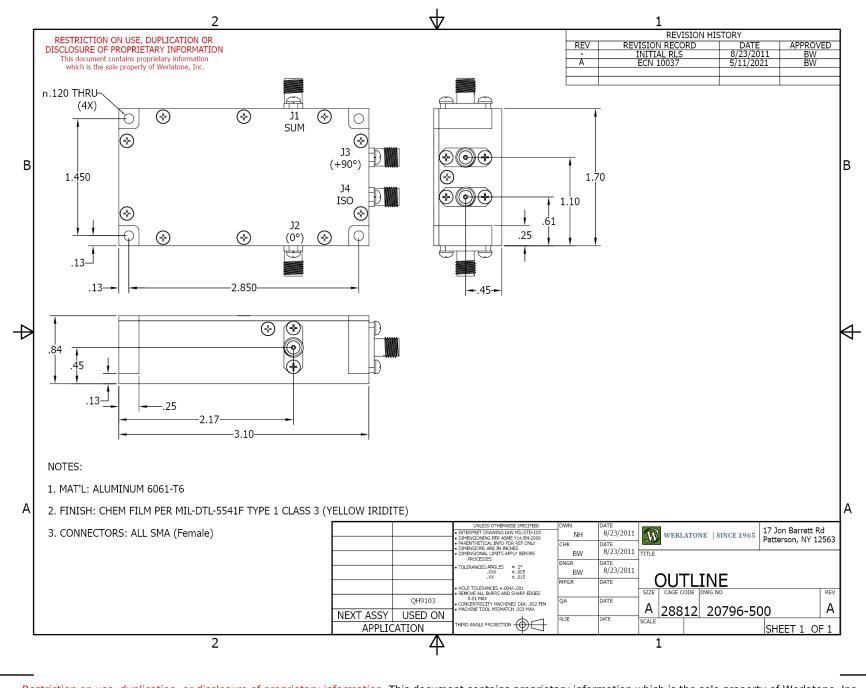
QH9103



Restriction on use, duplication, or disclosure of proprietary information. This document contains proprietary information which is the sole property of Werlatone, Inc.

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

QH9103 Rev.-



Restriction on use, duplication, or disclosure of proprietary information. This document contains proprietary information which is the sole property of Werlatone, Inc. Werlatone, Inc. 17 Jon Barrett Road Patterson, NY 12563 T:(845)278-2220 F:(845)278-3440 sales@werlatone.com www.werlatone.com