

PRODUCT DATA	БНЕЕТ			H7521	
<b>Werlatone</b> High Power 180° RF Hybrid Combiners/Dividers balance traditional technologies with disruptive microwave techniques. The outcome is a microwave component which provides an order of magnitude improvement over current capabilities. Our newest line of high power, patented 180° RF Hybrid Combiners/Dividers provides an incredible 5:1 bandwidth, while exhibiting exceptionally low loss and superior port-to-port isolation.					
Featur	es:				
High Po	wer Wide Bandwidths	Small Size	Excellent Amplitude Balance		
Electric	Electrical Specifications:				
Frequer Power: Insertio VSWR: Phase B Amplitu Isolation	2500 W CV   n Loss: $0.3 \text{ dB Max}$ 1.30:1 Max   alance: $180^\circ \pm 5^\circ$ de Balance: $\pm 0.5 \text{ dB M}$	V K. Max. 1ax.			
Mecha	Mechanical Specifications:				
Surface Operati	Material:Aluminum 6061-T6Surface Finish:Chem. Film Per MIL-DTL-5541F Type I Class 3 (Yellow Iridite) RoHS Compliant AvailableOperating Temperature:-55°C to +75°CStorage Temperature:-60°C to +85°C				
Connec	Connector Configurations:				
<b>Model</b> H7521-2	Sum Port (J1) 28 7/16 Female	Diff Port (J2) 7/16 Female	<b>Inputs (J3,J4)</b> 7/16 Female		
Werlat	<b>one's</b> standard line of High P	ower 180° RF Hybrid	Combiners/Dividers covers mu	ltiple octaves within a	
microwa techniq	ave device. Low frequency 18 ues, similar to our 0° Combine	0° Hybrid Combiner/l ers/Dividers. Insertior	Dividers employ proprietary fer n loss in both sum and differen cy range. Custom requirements	rrite transmission line ce ports is minimal,	

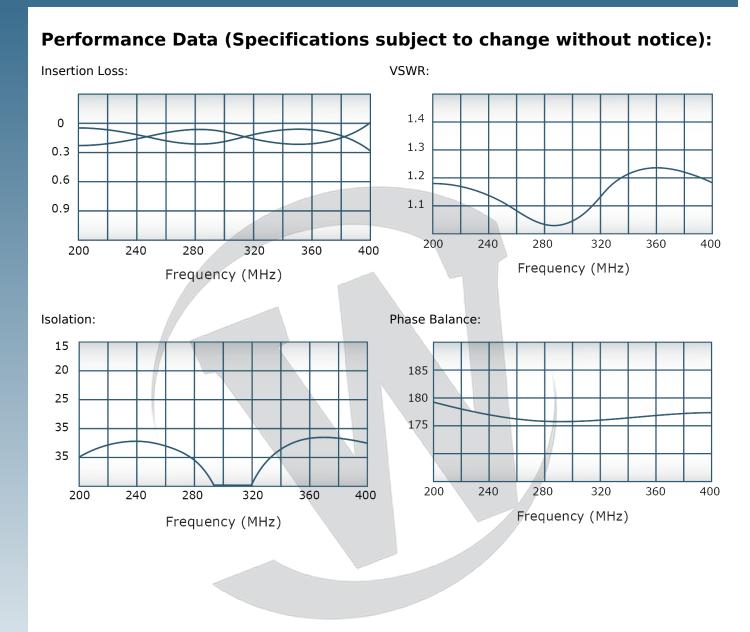
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Werlatone, Inc. 17 Jon Barrett Road Patterson, NY 12563 T:(845)278-2220 F:(845)278-3440 sales@werlatone.com www.werlatone.com



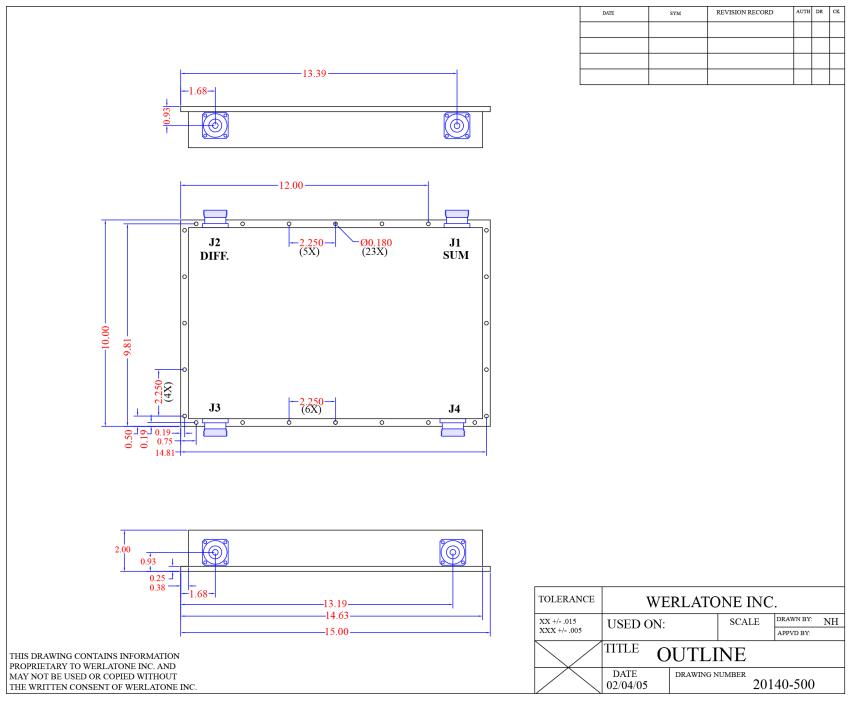
## PRODUCT DATA SHEET

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