



ODUCT DATA SHEET				C2531
tandem, providing meas forward and reverse por	urement of both forward	and reverse pow r measurements.	er. Ideal for simultar Unlike the Bi-Directi	ers, internally connected, in neouly monitoring a system's onal Coupler, the directivity of the
Features:				
High Power	Wide Bandwidths	Small Size	Flat Coupling	Custom Designs Available
Electrical Spe	cifications:			
Frequency: Power: Coupling: Flatness: Insertion Loss: VSWR (ML): Directivity: <b>Mechanical Si</b> Type: Material: Suface Finish: Operating Tempe Humidity: Size:	Connecto Aluminum Chem. Fil Type I Cla RoHS Con perature: -55°C to - rature: -60°C to -	n 6061-T6 m Per MIL-DTL-55 ass 3 (Yellow Iridite npliant Available +75°C +85°C Condensing		
Connector Co	nfigurations:			
Model C2531-10 C2531-12 C2531-13 C2531-102	Input (J1) N Female N Female N Female SMA	<b>Output (J2)</b> N Female N Female N Female SMA	Fwd (J3) N Female SMA BNC SMA	<b>Rev (J4)</b> N Female SMA BNC SMA

Designed to operate, at 250 W CW, into an infinite VSWR. Designed to operate into a 3:1 Load VSWR, at a rated power of 750 W CW.

**Werlatone**<sup>®</sup> Broadband Dual, Uni, and Bi Directional RF Couplers are designed to tolerate the most stringent operating conditions associated with military and EMC testing environments. Many of our RF Directional Couplers, designated Mismatch Tolerant<sup>®</sup>, will operate continuously, at rated power, into a severe load mismatch condition. Our multi-octave Directional Couplers maintain exceptional coupling flatness, directivity, VSWR, and insertion loss.

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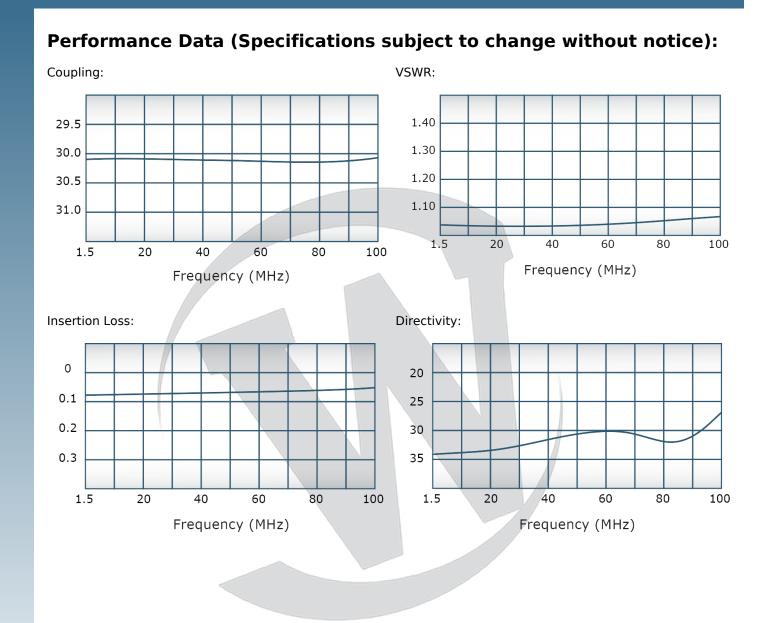
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## **PRODUCT DATA SHEET**



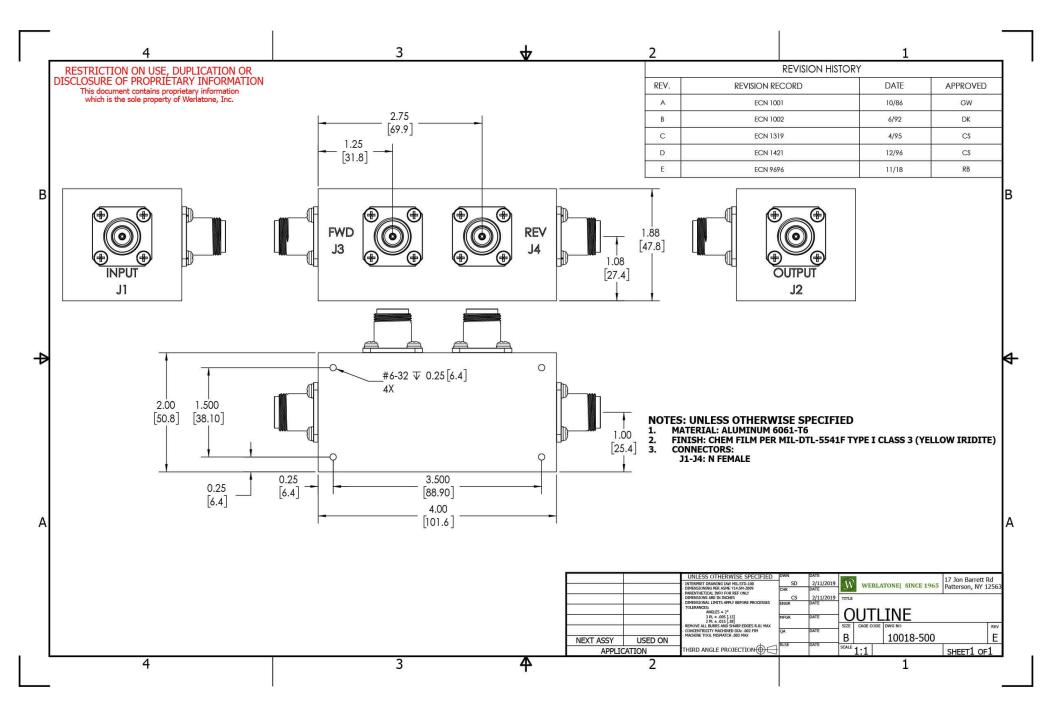
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C2531 Rev.-



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