

PRODUCT DATA SHEET C5562					
	<b>3-Port Uni-Directional Coupler</b> : Consists of a main line and a coupled line. One end of the coupled line is internally terminated, while the other end serves as a coupled port. Ideal for sampling and monitoring power in one direction at a given time. It is necessary to physically reverse the orientation of the unit to change from a forward to a reverse power measurement.				
	Features:				
	High Power	Wide Bandwidths	Small Size	Flat Coupling	Custom Designs Available
	Electrical Specifications:				
	Frequency: Power: Coupling: Insertion Loss: Flatness: VSWR (ML): Directivity: <b>Mechanical Sp</b> Type: Material: Suface Finish: Operating Temp Storage Temper Humidity: Size: <b>Connector Cor</b>	1 - 500 MHz 30 W CW 20 ± 1.0 dB Max. 1.2 dB Max. ± 1.0 dB Max. 1.20:1 Max. 20 dB Min. Decifications: Connectorized Aluminum 6061-T6 Chem. Film Per MIL-DTL-5541F Type I Class 3 (Yellow Iridite) ROHS Compliant Available perature: -55°C to +75°C rature: -60°C to +85°C 95% Non-Condensing 5.2 x 2.675 x 1.69"			
	Model C5562-10 C5562-12 C5562-13 C5562-102 C5562-300	Input (J1) N Female N Female N Female SMA TNC		<b>Output (J2)</b> N Female N Female N Female SMA TNC	Fwd (J3) N Female SMA BNC SMA TNC

**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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