

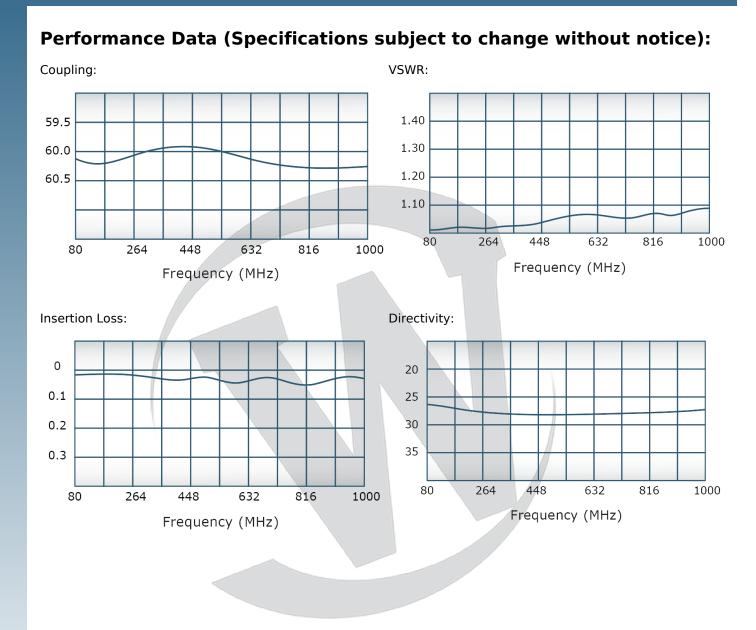
ODUCT DATA SHEET C95					
4-Port Dual Directional Coupler employs two, 3-Port Uni-Directional Couplers, internally connected, in tandem, providing measurement of both forward and reverse power. Ideal for simultaneously monitoring a system's forward and reverse power and for reflectometer measurements. Unlike the Bi-Directional Coupler, the directivity of the Dual Directional Coupler is unaffected by the loads on the coupled ports.					
Features:					
High Power	Wide Bandwid	dths Small S	ize Flat Cou	ipling Cu	ustom Designs Available
Electrical Specifications:					
Frequency: 80 - 1000 MHz Power: 2000 W CW Coupling: 60 ± 1.0 dB Max. Insertion Loss: 0.2 dB Max. Flatness: ± 0.5 dB Max. VSWR (ML): 1.30:1 Max. Directivity: 20 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 Humidity: 95% Non-Condensing Size: 6" Line Section					
Connector Configurations:					
Model C9502-81 C9502-83 C9502-84	Input (J1) 1 5/8'' 1 5/8'' 1 5/8''	Output (J2) 1 5/8'' 1 5/8'' 1 5/8''	Fwd (J3) N Female SMA BNC	Fwd (J4) N Female SMA BNC	Rev (J5) N Female SMA BNC
	 4-Port Dual tandem, provisystem's forw directivity of tandem, the system's forw directivity of tandem, provisystem's forw directivity of tanes: High Power Electrical Space Frequency: Power: Coupling: Insertion Loss Flatness: VSWR (ML): Directivity: Mechanical Space Type: Material: Surface Finish Operating Terestorage Tempe Humidity: Size: Connector Compose Model C9502-81 C9502-83 	4-Port Dual Directional Couptandem, providing measurements system's forward and reverse produced by the Dual Direction Features: High Power Wide Bandwide Electrical Specifications: Frequency: 80 - 1000 Power: 2000 W CV Coupling: 60 ± 1.0 de Insertion Loss: 0.2 dB Main Flatness: ± 0.5 dB M VSWR (ML): 1.30:1 Main Directivity: 20 dB Min. Mechanical Specifications: Material: Type: C Material: A Surface Finish: T Model Input (J1) C9502-81 1 5/8''	4-Port Dual Directional Coupler employs two, 3 tandem, providing measurement of both forward a system's forward and reverse power and for reflect directivity of the Dual Directional Coupler is unaffer Features: High Power Wide Bandwidths Small S Electrical Specifications: Frequency: 80 - 1000 MHz Power: 2000 W CW Coupling: 60 ± 1.0 dB Max. Insertion Loss: 0.2 dB Max. Flatness: ± 0.5 dB Max. VSWR (ML): 1.30:1 Max. Directivity: 20 dB Min. Mechanical Specifications: Type: Connectorized Material: Aluminum 6061-T6 Surface Finish: Chem. Film Per MIL-E Type I Class 3 (Yellow RoHS Compliant Avai Operating Temperature: -50°C to +85°C Humidity: 95% Non-Condensing Size: 6" Line Section Connector Configurations: Connector (J2) Model Input (J1) Output (J2) C9502-81 1 5/8" 1 5/8"	4-Port Dual Directional Coupler employs two, 3-Port Uni-Directiandem, providing measurement of both forward and reverse power system's forward and reverse power and for reflectometer measu directivity of the Dual Directional Coupler is unaffected by the load features: High Power Wide Bandwidths Small Size Flat Coupler is unaffected by the load features: High Power Wide Bandwidths Small Size Flat Coupler is unaffected by the load features: Frequency: 80 - 1000 MHz Small Size Flat Coupling: Power: 2000 W CW Coupling: 60 ± 1.0 dB Max. Insertion Loss: 0.2 dB Max. Flatness: ± 0.5 dB Max. VSWR (ML): 1.30:1 Max. Directivity: 20 dB Min. Mechanical Specifications: Connectorized 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: -50°C to +75°C Storage Temperature: -60°C to +85°C Humidity: 95% Non-Condensing Size: 6" Line Section Connector Configurations: N Female Model Input (J1	4-Port Dual Directional Coupler employs two, 3-Port Uni-Directional Couplers, tandem, providing measurement of both forward and reverse power. Ideal for sim system's forward and reverse power and for reflectometer measurements. Unlike directivity of the Dual Directional Coupler is unaffected by the loads on the couple Features: High Power Wide Bandwidths Small Size Flat Coupling Cu Features: High Power Wide Bandwidths Small Size Flat Coupling Cu Electrical Specifications: Frequency: 80 - 1000 MHz Power: 2000 W CW Coupling: 60 ± 1.0 dB Max. Insertion Loss: 0.2 dB Max. Flatness: VSWR (ML): 1.30:1 Max. Directivity: 20 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: -55°C to +75°C Storage Temperature: -55°C to +75°C Storage Temperature: -55°C to +75°C Gould the Section Connector Configurations: Model Input (J1) Output (J2) Fwd (J3) Fwd (J4) C9502-81

Werlatone[®] 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[®], 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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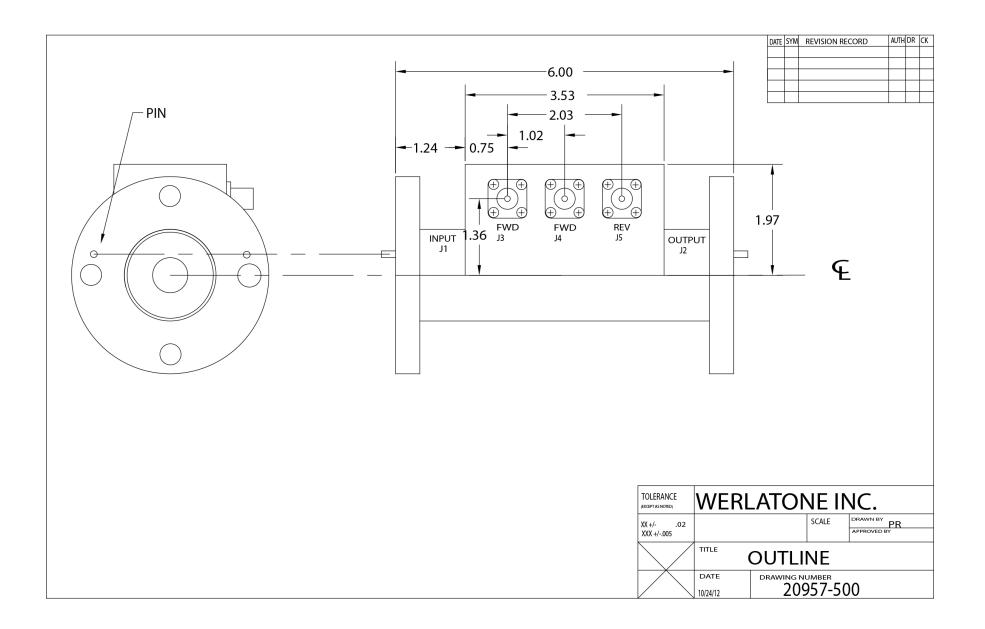
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