

30 dB Bi-directional Coupler, 500 Watt 2 - 32 MHz

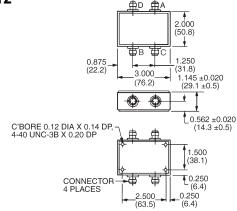
CH-130-4

Features

- High Power Handling Capability 500 Watts
- Very Low Insertion Loss 0.1 dB Max
- Low VSWR 1.1:1 Max

Guaranteed Specifications*	(-55°C to +85°C)
Frequency Range	2-32 MHz
Coupling (Input to Output)	30 ± 0.5 dB
Coupling Flatness	± 0.25 dB Max
VSWR (All Ports)	1.1:1 Max
Directivity (Both Directions)	25 dB Min
Main Line Loss	0.1 dB Max

C-12



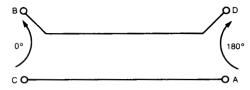
Dimensions in () are in mm. Unless Otherwise Noted: $.xxx = \pm 0.015$ ($.x = \pm 0.4$) WEIGHT (APPROX): 10 OUNCES 283 GRAMS

Operating Characteristics

Input Power	500 Watts Max
Environmental	
MIL-STD-202 screening available.	

^{*} All specifications apply with 50 ohm source and load impedance. This product contains elements protected by United States Patent Number 3,426,298.

Functional Diagram



Ordering Information

Part Number	Package
CD-130-4 N	Connectorized
CD-130-4 TNC	Connectorized
CD-130-4 BNC	Connectorized
CD-130-4 SMA	Connectorized

Connecting at a HIGHER level.**

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Typical Performance

