

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

CH-130-4

V2.00

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)

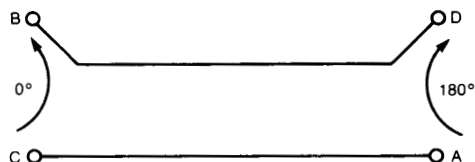
Frequency Range	2-32 MHz
Coupling (Input to Output)	30 ± 0.5 dB
Coupling Flatness	± 0.25 dB Max
VSWR (All Ports)	1.1:1 Max
Directivity (Both Directions)	25 dB Min
Main Line Loss	0.1 dB Max

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.

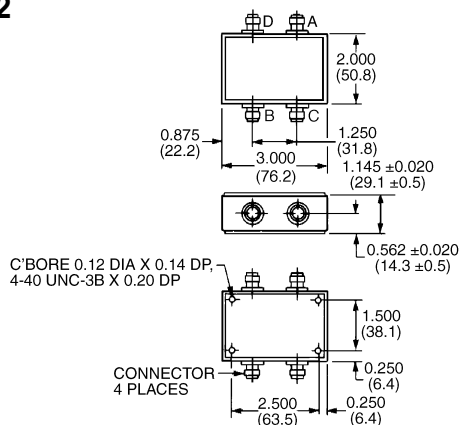
Functional Diagram



Ordering Information

Model No.	Package
CH-130-4 N	Connectorized

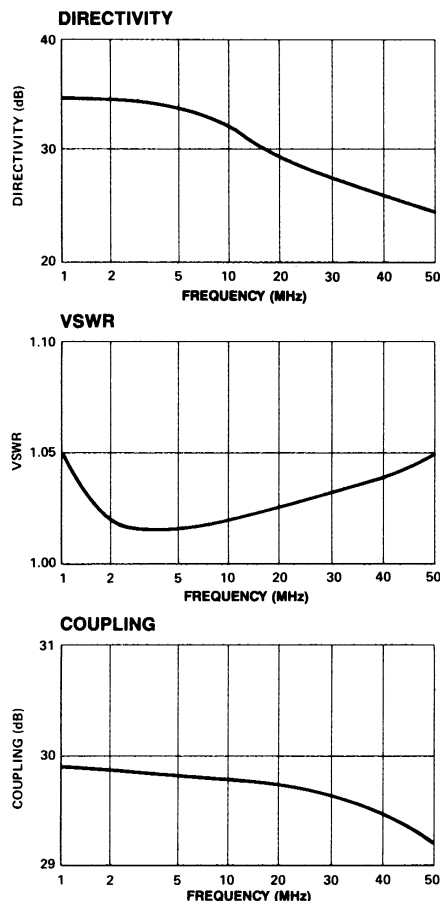
C-12



Dimensions in () are in mm.
Unless Otherwise Noted: .xxx = ±0.015
(.x = ±0.4)

WEIGHT (APPROX): 10 OUNCES 283 GRAMS

Typical Performance



Specifications Subject to Change Without Notice.

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