

20 dB BiDirectional Coupler 1 - 1000 MHz

CH-132

V2.00

Features

- Broad Frequency Range
- Constant Coupling - Within ± 0.5 dB Max
- VSWR - 1.3:1 Max

Guaranteed Specifications*

(From -55°C to $+85^{\circ}\text{C}$)

Frequency Range	1-1000 MHz	
Coupling (Input to Output)	20 \pm 1.0 dB	
Coupling Flatness	10-500 MHz	± 0.25 dB Max
	1-1000 MHz	± 0.5 dB Max
VSWR (All Ports)	10-500 MHz	1.2:1 Max
	1-1000 MHz	1.3:1 Max
Directivity (Both Directions)	10-500 MHz	25 dB Min
	1-1000 MHz	20 dB Min
Main Line Loss**	10-500 MHz	0.5 dB Max
	1-1000 MHz	0.7 dB Max

Operating Characteristics

Input Power 5.0 Watts Max

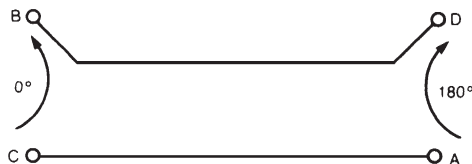
Environmental

MIL-STD-202 screening available.

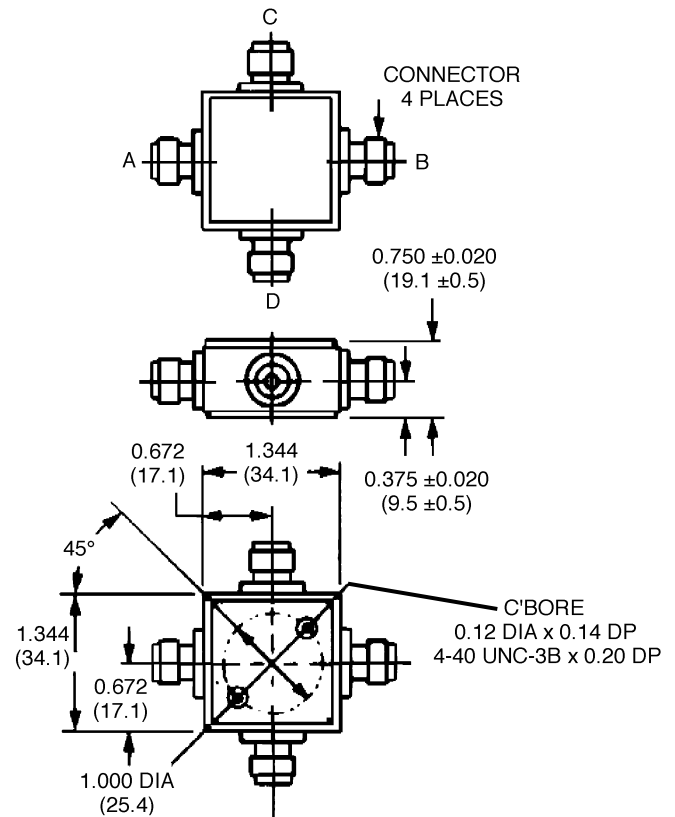
*All specifications apply with 50 ohm source and load impedance. This product contains elements protected by United States Patent Number 3,426,298.

**Includes transitional power split.

Functional Diagram



C-8



Dimensions in () are in mm.
Unless Otherwise Noted: .xxx = ± 0.015 (.x = ± 0.4)
WEIGHT (APPROX.): 2.5 OUNCES 71 GRAMS

Ordering Information

Part Number	Package
CH-132 BNC	Connectorized
CH-132 N	Connectorized
CH-132 SMA	Connectorized
CH-132 TNC	Connectorized

Typical Performance

