

11 dB Directional Coupler

30 - 1000 MHz

DCG-10-4

V2.00

Features

- Wide Frequency Range
- Constant Coupling - Within ± 0.5 dB

C-7

Guaranteed Specifications* (From -55°C to +85°C)

Frequency Range	30-1000 MHz
Coupling (Input to Output)	11.0 \pm 0.5 dB
Coupling Flatness	\pm 0.5 dB Max
VSWR (All Ports)	1.35:1 Max
Directivity (Both Directions)	20 dB Min
Main Line Loss (Including Theoretical 0.46 dB Power Split)	1.5 dB Max

Operating Characteristics

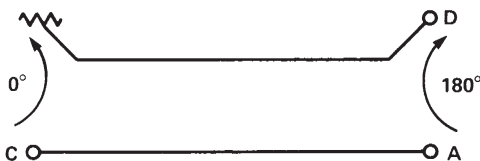
Input Power 5.0 Watts Max

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.

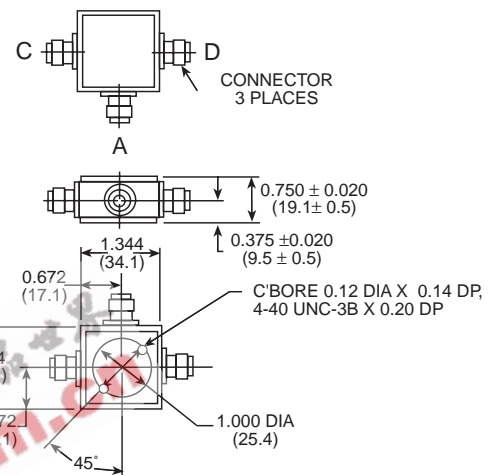
** Includes theoretical power split.

Functional Diagram



Ordering Information

Part Number	Package
DCG-10-4 BNC	Connectorized
DCG-10-4 SMA	Connectorized
DCG-10-4 N	Connectorized
DCG-10-4 TNC	Connectorized



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

Typical Performance

