

UHF Hybrid Junction

5 MHz - 1 GHz

H-1-4

V2.00

Features

- Broad Frequency Range
- 0° - 180° Hybrid with High Isolation
- MIL-STD-202 Screening Available

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

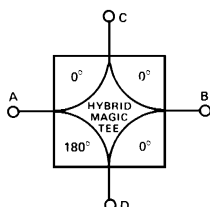
Frequency Range	5 MHz - 1 GHz	
Isolation (A - B Ports)	5 - 300 MHz	50 dB Min.
	300 MHz - 1 GHz	40 dB Min.

Operating Characteristics

Impedance	A & B Ports	50 Ohms Nom.
	C & D Ports	100 Ohms Nom.
Input Power	7 W. Max.	
Phase Shift (A to C or D)	Linear with Frequency (~ 45° @ 300 MHz)	

*All specifications apply with 50 ohm source and load impedance.
This product contains elements protected by United States Patent Number 3,311,850.

Functional Diagram



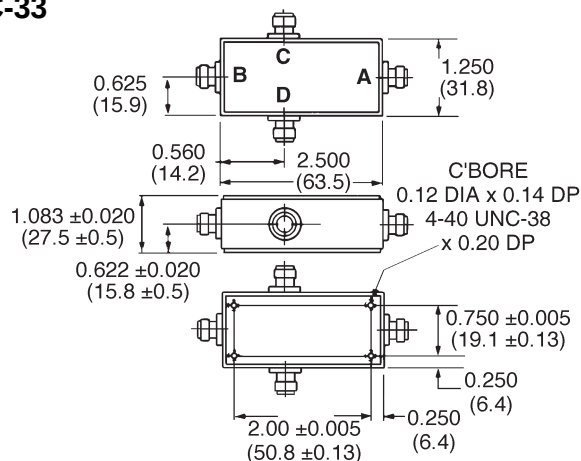
Ordering Information

Part Number

H-1-4 BNC
H-1-4 N
H-1-4 SMA
H-1-4 TNC

Connectorized
Connectorized
Connectorized
Connectorized

C-33



Dimensions in () are in mm.
Unless Otherwise Noted: .xxx = ±0.015 (.x = ±0.4)
WEIGHT (APPROX): 5.47 OUNCES 155 GRAMS

Typical Performance

