

# 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)

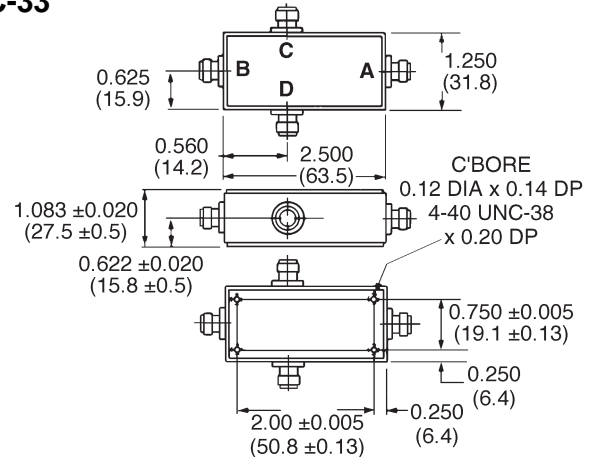
Frequency Range	5 MHz - 1 GHz	
Isolation (A - B Ports)	5 - 300 MHz	50 dB Min.
	300 MHz - 1 GHz	40 dB Min.

### Operating Characteristics

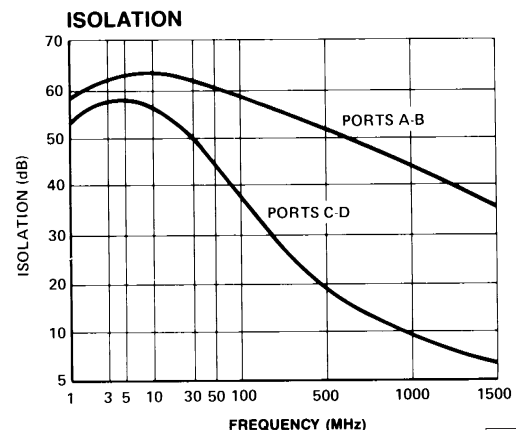
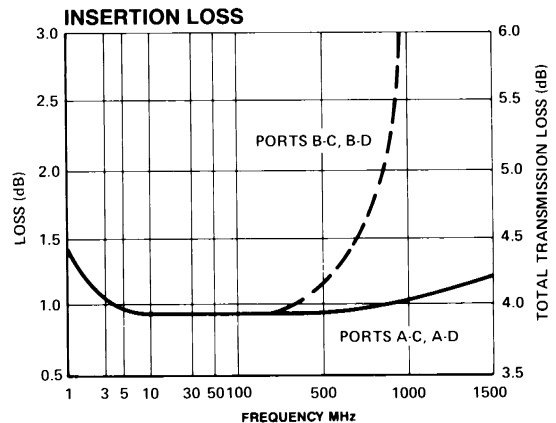
Impedance	A & B Ports	50 Ohms Nom.
	C & D Ports	100 Ohms Nom.
Input Power	7 W. Max.	
Phase Shift (A to C or D)	Linear with Frequency (~ 45° @ 300 MHz)	

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

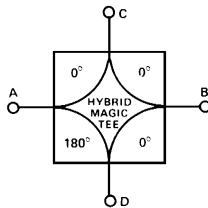
### C-33



### Typical Performance



### Functional Diagram



### Ordering Information

#### Part Number

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