

# High-Power Hybrid Junction

## 200 kHz - 35 MHz

# HH-108

V2.00

### Features

- High Power Handling Capability
- Low VSWR

### Guaranteed Specifications\*

(From -55°C to +85°C)

<b>Frequency Range</b>	200 kHz-35 MHz	
<b>Insertion Loss (Less coupling)</b>	0.4 dB Max	
<b>Isolation</b>	200 kHz-10 MHz	30 dB Min
	10 MHz-35 MHz	20 dB Min
<b>Amplitude Balance</b>	200 kHz-10 MHz	0.1 dB Max
	10 MHz-35 MHz	0.2 dB Max
<b>VSWR</b>	1.3:1 Max	
<b>Phase Balance</b>	200 kHz-10 MHz	3° Max
	10 MHz-35 MHz	10° Max

### Operating Characteristics

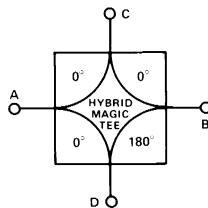
<b>Impedance</b>	50 Ohms Nominal
<b>Input Power</b>	25 Watts Max
	Up to 50°C
	20 Watts Max
	Up to 85°C

### Environmental

MIL-STD-202 screening available.

\*All specifications apply with 50 ohm source and load impedance.

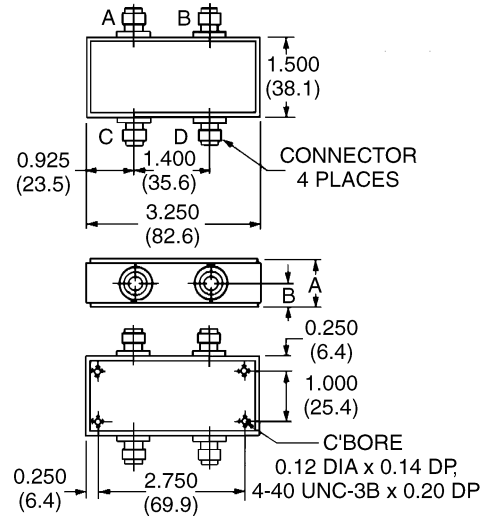
### Functional Diagram



### Ordering Information

Model No.	Package
HH-108 BNC	Connectorized
HH-108 SMA	Connectorized

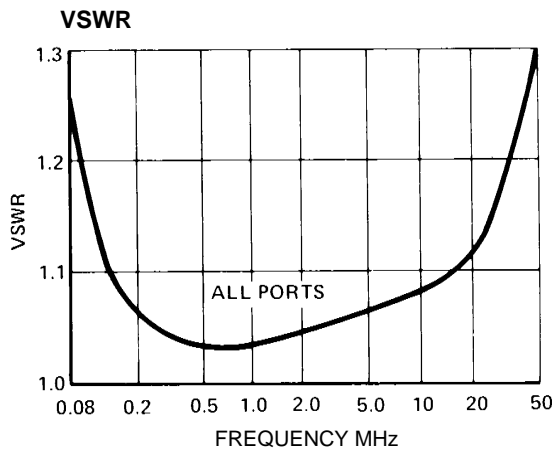
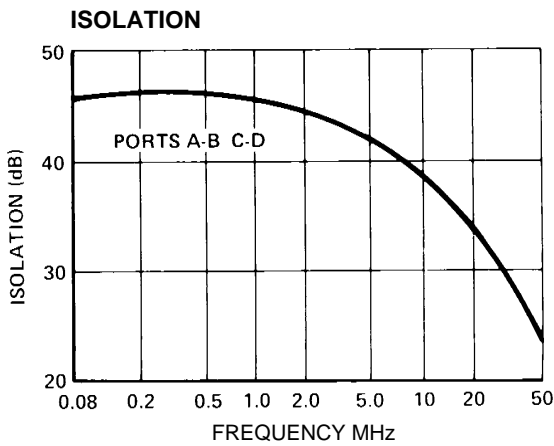
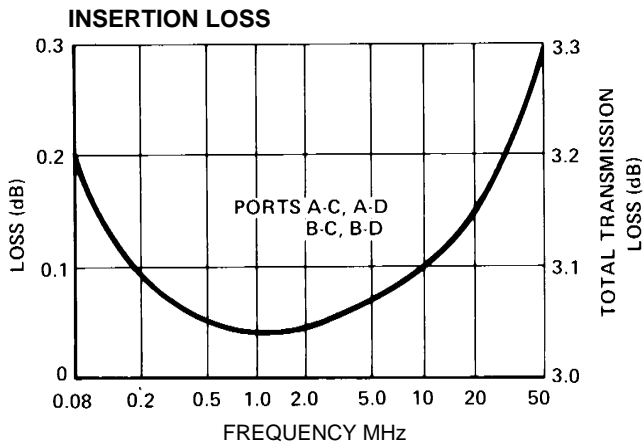
### C11



Dimensions in ( ) are in mm.  
 Unless Otherwise Noted: .xxx = ±0.015 (.x = ±0.4)  
 Weight (Approx): 7 Ounces 198 Grams

	A	B
HH-108	0.770 ±0.020 (19.6 ±0.5)	0.375 ±0.020 (9.5 ±0.5)

Typical Performance



Specifications Subject to Change Without Notice.