

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)

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

Operating Characteristics

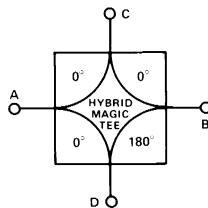
| | |
|--------------------|-----------------|
| Impedance | 50 Ohms Nominal |
| Input Power | 25 Watts Max |
| | Up to 50°C |
| | 20 Watts Max |
| | Up to 85°C |

Environmental

MIL-STD-202 screening available.

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

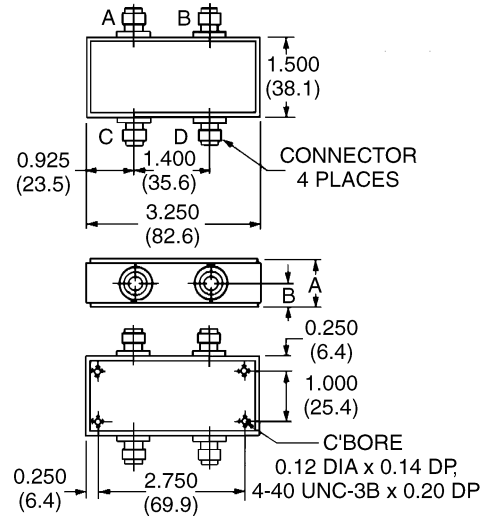
Functional Diagram



Ordering Information

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

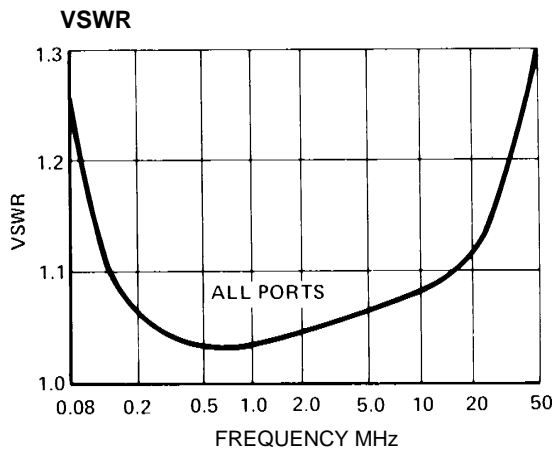
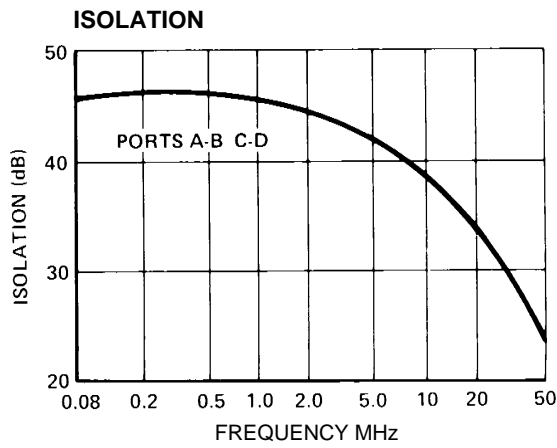
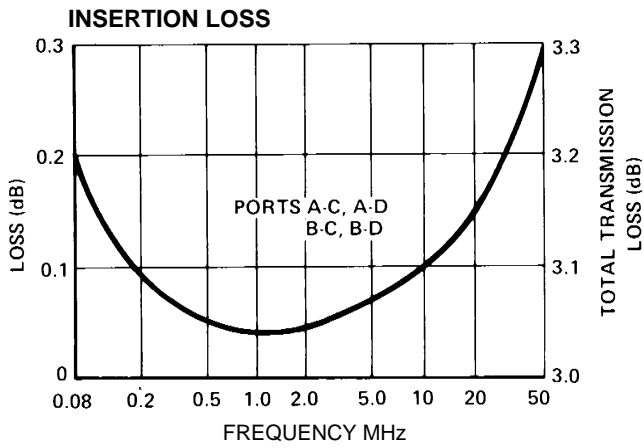
C11



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.