

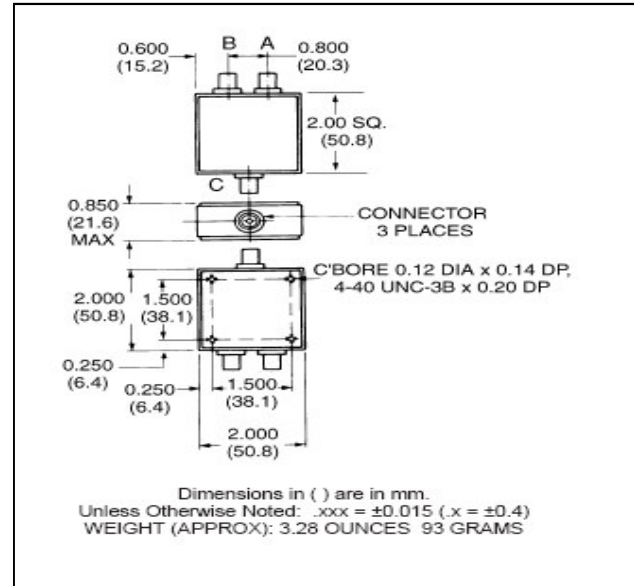
**Three-Port Quadrature Hybrid,  
20 - 200 MHz**

**JH-131  
V2**

**Features**

- Internally Terminated Fourth Port
- Amplitude Balance 0.4 dB
- Impedance: 50 Ohms Nom.
- Input Power: 250 mW. Max.
- MIL-STD\_202 Screening Available

**C-13**



**Guaranteed Specifications\*: From -55°C to +85°C**

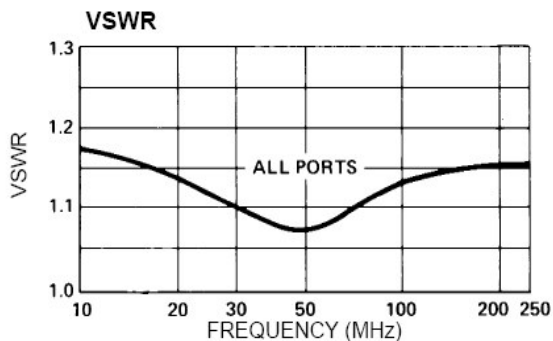
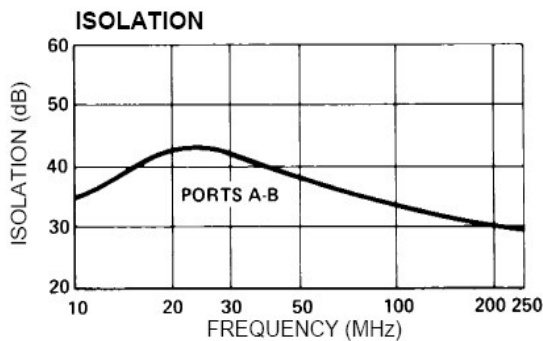
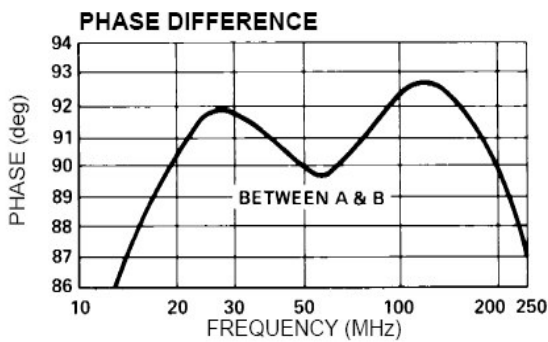
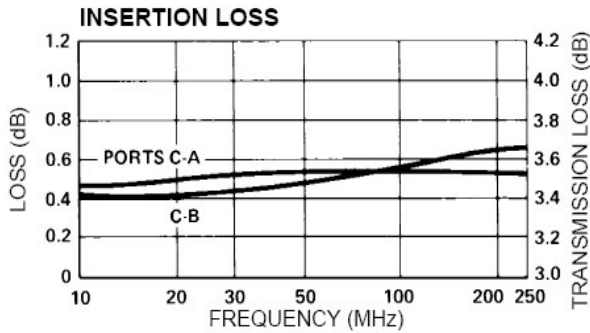
Frequency Range	20 - 200 MHz
Insertion Loss (less coupling)	1.0 dB Max
Isolation	20 dB Min
Amplitude Balance	0.4 dB Max.
VSWR (All Ports)	1.4:1 Max
Deviation From Quadrature	6° Max.

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

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**Typical Performance Curves**



**Ordering Information**

Part Number	Package
JH-131 BNC	Connectorized
JH-131 SMA	Connectorized
JH-131 TNC	Connectorized
JH-131 N	Connectorized

**Phasing Diagram**

OUT \ IN	A	B	C
A	X	ISO	0°
B	ISO	X	-90°
C	0°	-90°	X