tyco Electronics

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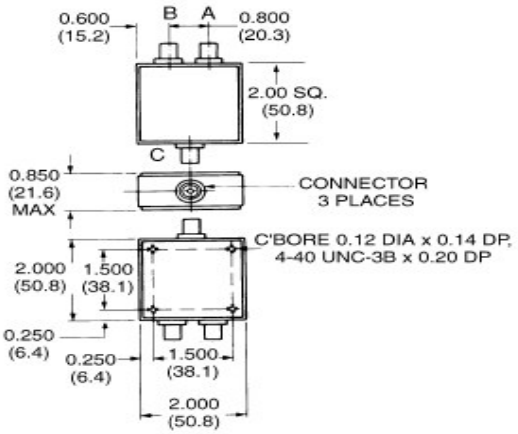
Three-Port Quadrature Hybrid, 20 - 200 MHz

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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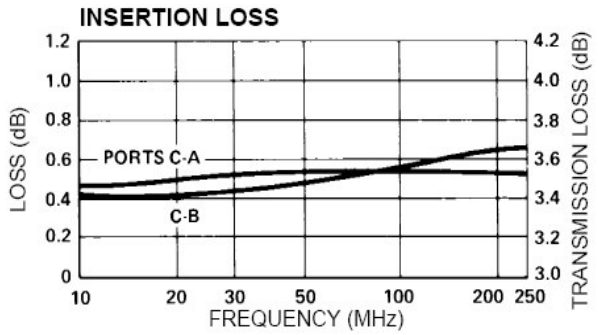
- **North America** Tel: 800.366.2266 / Fax: 978.366.2266
- **Europe** Tel: 44.1908.574.200 / Fax: 44.1908.574.300
- **Asia/Pacific** Tel: 81.44.844.8296 / Fax: 81.44.844.8298

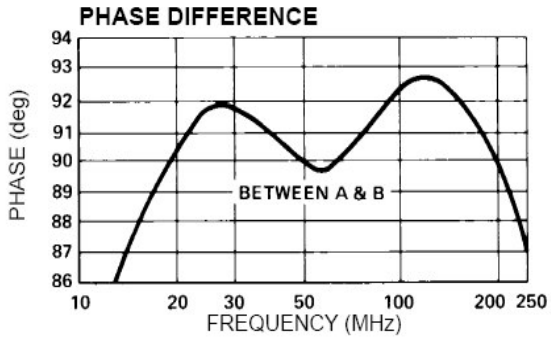
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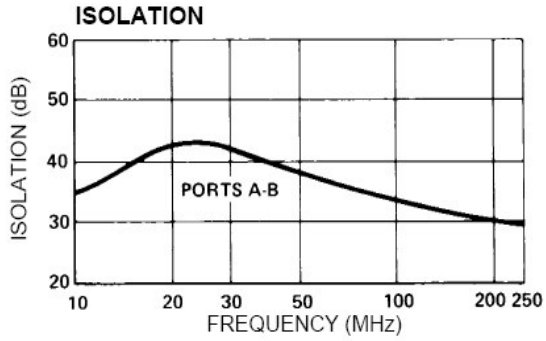
Three-Port Quadrature Hybrid, 20 - 200 MHz

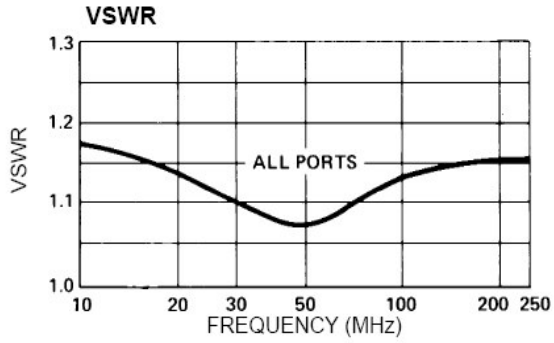
JH-131 V2

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		ISO	0°
B	ISO		-90°
C	0°	-90°	

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