

# Quadrature Hybrid

## 2 - 32 MHz

**JH-6-4**

V2.00

### Features

- Covers the HF Band
- Low VSWR: 1.2:1
- 3° Maximum Deviation from 90°
- Impedance: 50 Ohms Nom.
- Input Power: 1 W. Max.
- MIL-STD-202 Screening Available

### Guaranteed Specifications\* (From -55°C to +85°C)

Frequency Range	2 - 32 MHz
Insertion Loss(Less coupling)	0.8 dB Max.
Isolation	20 dB Min.
Amplitude Balance	0.7 dB Max.
VSWR	1.2:1 Max.
Deviation from Quadrature	3° Max.

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

### Phasing Diagram

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

### Ordering Information

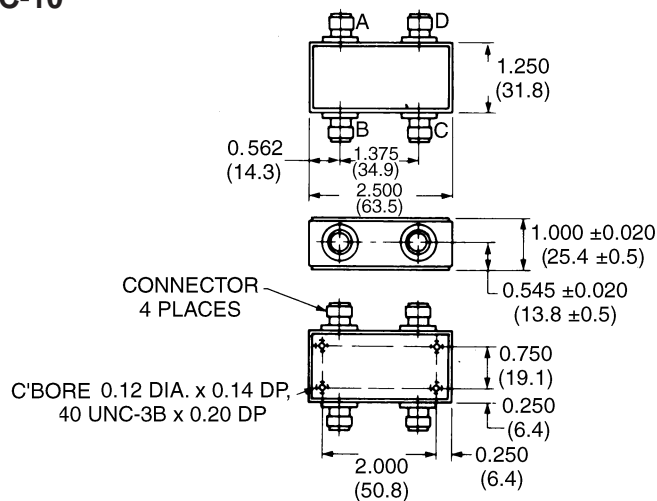
#### Part Number

JH-6-4 BNC  
JH-6-4 N  
JH-6-4 SMA  
JH-6-4 TNC

#### Package

Connectorized  
Connectorized  
Connectorized  
Connectorized

### C-10



Dimensions in ( ) are in mm.

Unless Otherwise Noted: .xxx = ±0.010 (.xx = ±0.25)

.xx = ±0.02 (.x = ±0.5)

WEIGHT (APPROX.): 3.6 OUNCES 102 GRAMS

## Typical Performance

