

# DS-808-4

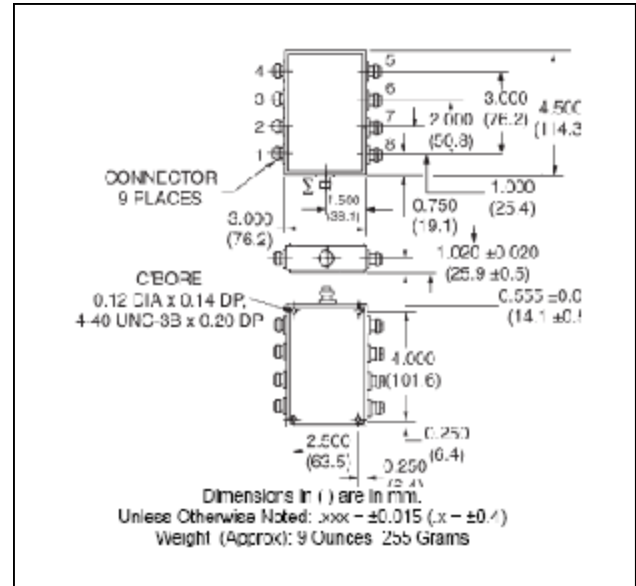
## Broadband Eight -Way Power Divider, 20 - 2000 MHz

Rev. V2

### Features

- Two-Decade Frequency Range
- High Isolation - 20 dB Min
- Typical Midband VSWR 1.2:1

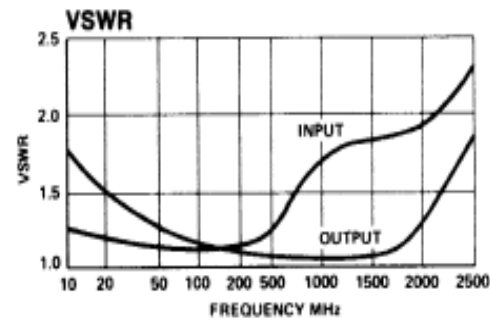
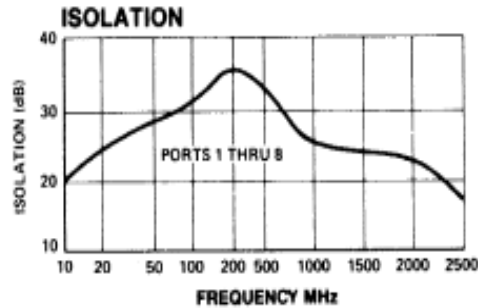
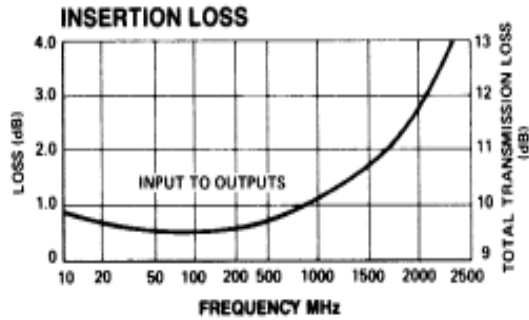
### C-18



### Guaranteed Specifications: From $-55^{\circ}\text{C}$ to $+85^{\circ}\text{C}$

Frequency Range		20-2000 MHz
Insertion Loss (less coupling)	20-600 MHz	1.0 dB Max
	600-1000 MHz	1.4 dB Max
	1000-2000 MHz	3.0 dB Max
Isolation		20 dB Min
Amplitude Balance	20-600 MHz	0.6 dB Max
	600-1000 MHz	0.6 dB Max
	1000-2000 MHz	1.2 dB Max
Phase Balance	20-600 MHz	5° Max
	600-1000 MHz	5° Max
	1000-2000 MHz	15° Max
VSWR (All Ports)	20-60 MHz	1.7:1 Max
	60-600 MHz	1.4:1 Max
	600-1000 MHz	2.0:1 Max
	1000-2000 MHz	2.0:1 Max

## Typical Performance Curves



## Ordering Information

Part Number	Package
DS-808-4 BNC	Connectorized
DS-808-4 SMA	Connectorized
DS-808-4 TNC	Connectorized
DS-808-4 N	Connectorized

## Operating Characteristics

Parameter	Absolute Maximum
Impedance	50 Ohms Nominal
Maximum Power Rating or Input Power	5.0 Watt Max
Internal Load Dissipation	0.5 Watt Max
Environmental MIL-STD-202 screening available.	

\* All specifications apply with 50 ohm source and load impedance. This product contains elements protected by United States Patent Number 3,325,587.