



Broadband Eight-Way Power Divider

20 - 2000 MHz

DS-808-4

V2.00

Features

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

Guaranteed Specifications*

(From – 55°C to + 85°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

Operating Characteristics

Impedance	50 Ohms Nominal
Maximum Power Rating or Input Power	5.0 Watts Max
Internal Load Dissipation	0.5 Watt Max

Environmental

MIL-STD-883 screening available.

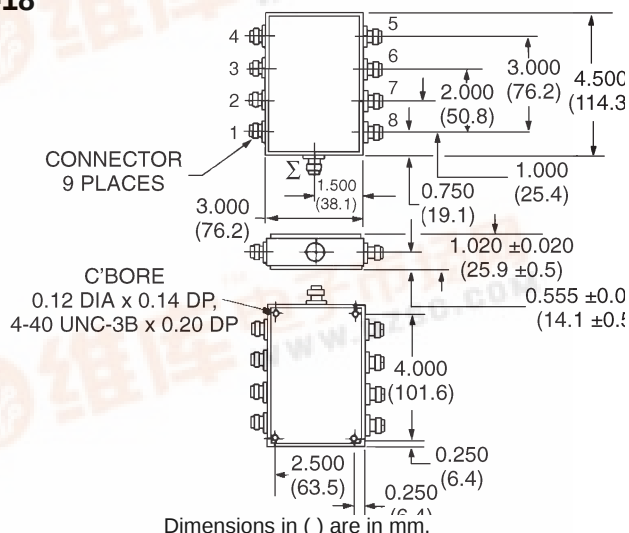
*All specifications apply with 50 ohm source and load impedance.

This product contains elements protected by United States Patent Number 3,325,587.

Ordering Information

Model No.	Package
DS-808-4 BNC	Connectorized
DS-808-4 SMA	Connectorized
DS-808-4 TNC	Connectorized
DS-808-4 N	Connectorized

C-18



Dimensions in () are in mm.
Unless Otherwise Noted: .xxx = ±0.015 (.x = ±0.4)
Weight (Approx): 9 Ounces 255 Grams



Typical Performance

