

Broadband Eight-Way Power Divider 20 - 2000 MHz

DS-808-4

V2.00

Features

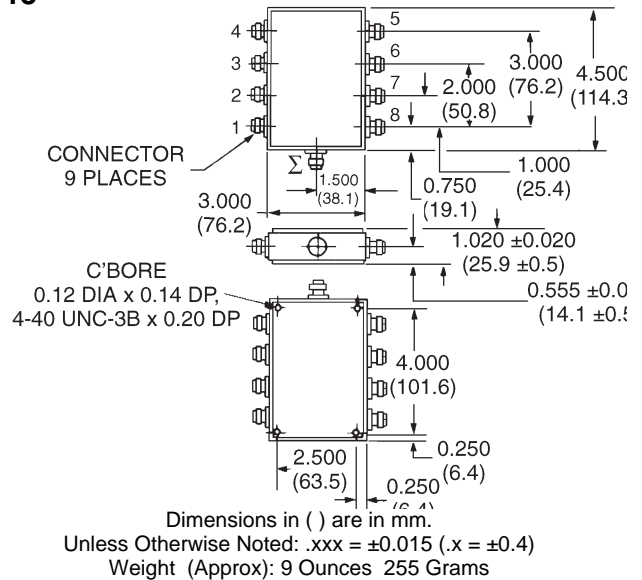
- Two-Decade Frequency Range
- High Isolation – 20 dB Min
- Typical Midband VSWR 1.2:1

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 |

C-18



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 |

Typical Performance

