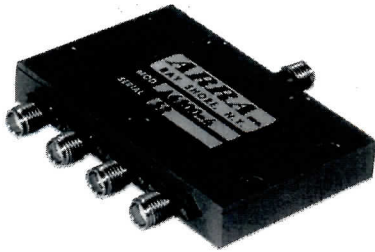


SMA 4-WAY POWER DIVIDERS / COMBINERS

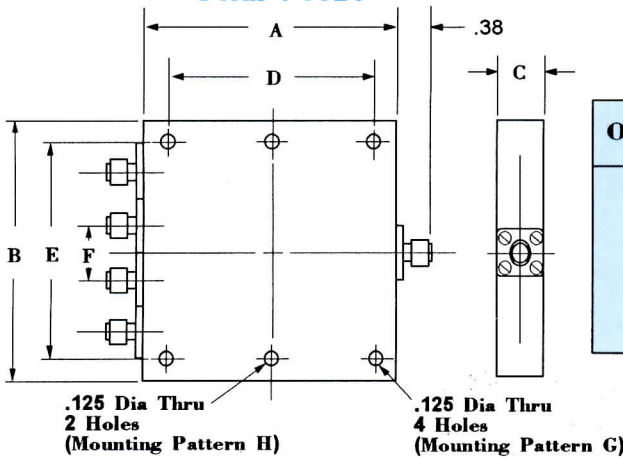
In Phase



GENERAL SPECIFICATIONS

Frequency Bands0.005 to 18.0 GHz
 RF Power *20 Watts average, 1 kW peak
 (Load VSWR 1.3)
 ConnectorsSMA Female
 Material:
 BodyAluminum
 ConnectorsMIL-C-39012
 FinishARRA Blue per MIL-C-22750

Form 0-3326



SMA Dimensions - Inches

| Outline | A | B | C | D | E | F | Mtg |
|---------|------|------|------|-------|-------|------|-----|
| 1 | 2.00 | 3.75 | 0.50 | 1.375 | 2.125 | 0.88 | G |
| 2 | 8.50 | 4.50 | 0.50 | 8.250 | 4.250 | 1.00 | G |
| 3 | 4.25 | 2.50 | 0.50 | 3.000 | 2.260 | 0.64 | G |
| 4 | 3.13 | 2.00 | 0.50 | 2.000 | 1.750 | 0.50 | G |
| 5 | 2.20 | 2.88 | 0.38 | - | 2.480 | 0.64 | H |
| 6 | 1.50 | 2.50 | 0.38 | 1.250 | 2.250 | 0.50 | G |

OCTAVE BAND & MULTI-OCTAVE BAND SMA MODELS

| Frequency Range (GHz) | Isolation (Min dB) | VSWR (Max) | Ins Loss (Max dB) | Amplitude Bal (±dB) | Phase Bal (±Deg) | Outline | Model No. |
|-----------------------|--------------------|------------|-------------------|---------------------|------------------|---------|-----------|
| 0.005-0.5 | 20 | 1.40 | 0.75 | 0.3 | 3 | 1 | A0200-4 |
| 0.5-1.0 | 20 | 1.30 | 0.50 | 0.3 | 3 | 2 | 2200-4 |
| 1.0-2.0 | 20 | 1.35 | 0.50 | 0.3 | 3 | 3 | B3200-4 |
| 0.75-4.0 | 20 | 1.50 | 0.80 | 0.3 | 3 | 3 | A2-4200-4 |
| 1.0-4.0 | 20 | 1.45 | 0.80 | 0.3 | 3 | 3 | 3-4200-4 |
| 2.0-4.0 | 20 | 1.30 | 0.50 | 0.3 | 3 | 4 | A4200-4 |
| 4.0-8.0 | 18 | 1.50 | 0.50 | 0.3 | 3 | 5 | A5200-4 |
| 8.0-12.4 | 16 | 1.60 | 0.90 | 0.3 | 4 | 6 | A6200-4 |
| 12.4-18.0 | 17 | 1.60 | 1.00 | 0.5 | 6 | 6 | A9200-4 |
| 8.0-18.0 | 17 | 1.60 | 1.00 | 0.5 | 10 | 6 | A6-9200-4 |

SPECIAL NARROW BAND SMA MODELS

| Frequency Range (GHz) | Isolation (Min dB) | VSWR (Max) | Ins Loss (Max dB) | Amplitude Bal (±dB) | Phase Bal (±Deg) | Outline | Model No. |
|-----------------------|--------------------|------------|-------------------|---------------------|------------------|---------|-----------|
| 0.75-1.4 | 20 | 1.30 | 0.5 | 0.3 | 3 | 3 | A2200-4X |
| 0.9-1.3 | 22 | 1.30 | 0.5 | 0.3 | 3 | 3 | A2200-4Y |
| 2.0-2.5 | 20 | 1.20 | 0.5 | 0.3 | 3 | 4 | A4200-4X |
| 3.7-4.2 | 20 | 1.30 | 0.5 | 0.3 | 3 | 4 | A4200-4Y |
| 3.7-6.4 | 18 | 1.50 | 0.7 | 0.3 | 3 | 5 | A5200-4X |
| 5.4-5.9 | 18 | 1.50 | 0.7 | 0.3 | 3 | 5 | A5200-4Y |
| 5.7-6.5 | 18 | 1.50 | 0.7 | 0.3 | 3 | 5 | A5200-4Z |
| 7.2-8.4 | 17 | 1.50 | 0.5 | 0.3 | 3 | 6 | A6200-4X |
| 9.0-10.5 | 17 | 1.60 | 0.8 | 0.3 | 3 | 6 | A6200-4Y |
| 12.0-14.0 | 17 | 1.60 | 1.0 | 0.4 | 5 | 6 | A9200-4X |
| 14.0-14.5 | 17 | 1.60 | 1.0 | 0.4 | 5 | 6 | A9200-4Y |
| 14.0-15.5 | 17 | 1.60 | 1.0 | 0.5 | 6 | 6 | A9200-4Z |
| 16.0-17.0 | 17 | 1.60 | 1.0 | 0.5 | 6 | 6 | A9200-4AA |

* This RF power rating assumes all ports are matched. The internal resistors are rated for 0.5 Watts, 1.5 Watts on Model A0200-4.