

Fixed Attenuators

DC-18 GHz

SMA Miniature
Fixed Attenuator

- Flat Frequency Response
- Low VSWR
- Precision Stainless Steel SMA Connectors
- 2 Watt Rating
- Smallest Size

Specifications

Miniature SMA (M/F), DC to 18 GHz, 2 W

| FREQUENCY RANGE (GHz) | MODEL | ATTENUATION (dB) | | POWER INPUT | | VSWR (max.) | | | WEIGHT (max.) | |
|-----------------------|---------|------------------|-----------|------------------|----------------|-------------|--------|---------|---------------|-----|
| | | NOMINAL | DEVIATION | AVERAGE (W max.) | PEAK (kW max.) | DC-4 | 4-12.4 | 12.4-18 | oz. | gr. |
| DC-18 | 4782-3 | 3 | ±0.3 | 2 | 0.2 | 1.15 | 1.30 | 1.40 | 0.17 | 5.2 |
| | 4782-6 | 6 | ±0.3 | 2 | 0.2 | 1.15 | 1.30 | 1.40 | 0.17 | 5.2 |
| | 4782-10 | 10 | ±0.4 | 2 | 0.2 | 1.15 | 1.30 | 1.40 | 0.17 | 5.2 |
| | 4782-20 | 20 | ±0.5 | 2 | 0.2 | 1.15 | 1.30 | 1.40 | 0.21 | 6.3 |

Miniature SMA (M/F), DC to 6 GHz, 2 W

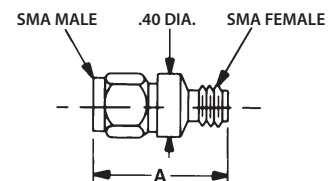
| FREQUENCY RANGE (GHz) | MODEL | ATTENUATION (dB) | | POWER INPUT | | VSWR (max.) | WEIGHT (max.) | |
|-----------------------|---------|------------------|-----------|------------------|----------------|-------------|---------------|-----|
| | | NOMINAL | DEVIATION | AVERAGE (W max.) | PEAK (kW max.) | | oz. | gr. |
| DC-6 | 4780-3 | 3 | ±0.4 | 2 | 0.2 | 1.20 | 0.17 | 5.2 |
| | 4780-6 | 6 | ±0.4 | 2 | 0.2 | 1.20 | 0.17 | 5.2 |
| | 4780-10 | 10 | ±0.4 | 2 | 0.2 | 1.20 | 0.17 | 5.2 |
| | 4780-20 | 20 | ±0.5 | 2 | 0.2 | 1.20 | 0.21 | 6.3 |

NOTE:

Temperature Coefficient: 0.0006 dB/dB/°C; Power Coefficient: 0.0005 dB/dB/W

Outline Drawing

| MODEL | A | |
|-------|-------------|-------|
| | 3, 6, 10 dB | 20 dB |
| 4780 | .86 | .93 |
| 4782 | .86 | .93 |



Dimensions in inches, unless otherwise specified.

