

Attenuators



DC-11 GHz

TYPE N HIGH POWER
BI-DIRECTIONAL FIXED
COAXIAL ATTENUATORS

- Broadband Frequency Coverage
- High Power, 20 and 50 Watts
- Small Size
- Stainless Steel Connectors

SPECIFICATIONS

| FREQUENCY RANGE (GHz) | MODEL | ATTENUATION dB | | | POWER INPUT | | VSWR (Max) | | | | WEIGHT (Max) | | |
|-----------------------|-------|----------------|-----------|------|--------------|---------------|------------|------|------|------|--------------|-----|-----|
| | | NOMINAL | DEVIATION | | AVG. (W) Max | PEAK (kW) Max | DC-1 | 1-4 | 4-6 | 6-11 | Oz | Gr | |
| DC-11 | 768 | 3 | ±.25 | ±.50 | ±.75 | 20 | 1 | 1.10 | 1.15 | 1.20 | 1.30 | 5.6 | 159 |
| | | 6 | ±.25 | ±.50 | ±.75 | 20 | 1 | 1.10 | 1.15 | 1.20 | 1.30 | 5.6 | 159 |
| | | 10 | ±.25 | ±.50 | ±.75 | 20 | 1 | 1.10 | 1.15 | 1.20 | 1.30 | 5.6 | 159 |
| | | 20 | ±.25 | ±.50 | ±.75 | 20 | 1 | 1.10 | 1.15 | 1.20 | 1.30 | 5.6 | 159 |
| | | 30 | ±.25 | ±.50 | ±.75 | 20 | 1 | 1.10 | 1.15 | 1.20 | 1.35 | 5.6 | 159 |

| FREQUENCY RANGE (GHz) | MODEL | ATTENUATION dB | | POWER INPUT | | VSWR (Max) | | WEIGHT (Max) | | |
|-----------------------|-------|----------------|-----------|--------------|---------------|------------|------|--------------|-----|-----|
| | | NOMINAL | DEVIATION | AVG. (W) Max | PEAK (kW) Max | DC-1 | 1-4 | Oz | Gr | |
| DC-4 | 766 | 3 | ±0.25 | ±0.50 | 20 | 1 | 1.10 | 1.15 | 5.6 | 159 |
| | | 6 | ±0.25 | ±0.50 | 20 | 1 | 1.10 | 1.15 | 5.6 | 159 |
| | | 10 | ±0.25 | ±0.50 | 20 | 1 | 1.10 | 1.15 | 5.6 | 159 |
| | | 20 | ±0.25 | ±0.50 | 20 | 1 | 1.10 | 1.15 | 5.6 | 159 |
| | | 30 | ±0.75 | ±0.75 | 20 | 1 | 1.10 | 1.35 | 5.6 | 159 |

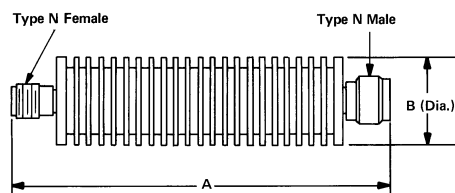
| FREQUENCY RANGE (GHz) | MODEL | ATTENUATION dB | | POWER INPUT | | VSWR (Max) | | WEIGHT (Max) | | |
|-----------------------|-------|----------------|-----------|--------------|---------------|------------|------|--------------|------|-----|
| | | NOMINAL | DEVIATION | AVG. (W) Max | PEAK (kW) Max | DC-1 | 1-4 | Oz | Gr | |
| DC-5 | 765 | 3 | ±0.30 | ±.50 | 50 | 2 | 1.20 | 1.30 | 15.5 | 440 |
| | | 6 | ±0.30 | ±.50 | 50 | 2 | 1.20 | 1.30 | 15.5 | 440 |
| | | 10 | ±0.30 | ±.50 | 50 | 2 | 1.20 | 1.30 | 15.5 | 440 |
| | | 20 | ±0.30 | ±.50 | 50 | 2 | 1.20 | 1.30 | 15.5 | 440 |

ORDERING INFORMATION: Specify model number and dash number suffix for attenuation in dB.
For example: 768-3

Note: For wireless band attenuators see pages 35-40

Attenuators

OUTLINE DRAWINGS



Models 765, 766, 768

| Model No. | A | B |
|-----------|------|------|
| 765 | 6.99 | 1.64 |
| 766 | 3.07 | 1.52 |
| 768 | 3.07 | 1.52 |

All dimensions are Max. unless otherwise specified.