

Attenuators

Type N

DC - 18 GHz Precision Performance

Frequency: DC - 18.0 GHz, DC - 12.4, and DC - 8.0 units available

Attenuation Values: 1 - 60 dB as noted

Attenuation Accuracy:

| | |
|------------|----------|
| 1 - 6 dB | ± 0.3 dB |
| 7 - 20 dB | ± 0.5 dB |
| 21 - 40 dB | ± 0.7 dB |
| 41 - 60 dB | ± 1.5 dB |

Impedance: 50 Ohms

VSWR: 1.07 + 0.015 f (GHz) max

Power: 2 Watts average @ +25 °C derated linearly to 0.5 Watts @ +125 °C

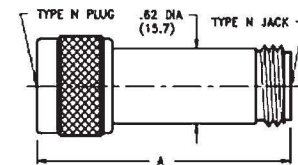
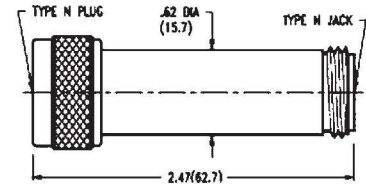
Peak Power: 200 Watts

Operating Temperature Range: -54 °C to +125 °C

Finish: Stainless Steel

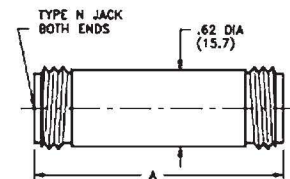


| DC - 18.0 GHz | 389 Series | Model Number |
|---|------------|--|
| Type N Precision - Low VSWR | | |
| ATT-0389-XX-NNN-02 | | |
| Attenuation Value = XX, Select 3, 6, 10, or 20 dB | | VSWR: 1.12 @ DC-4 GHz 1.15 @ 4 - 8 GHz 1.20 @ 8 - 18 GHz |
| <i>Calibration Data Supplied</i> | | |



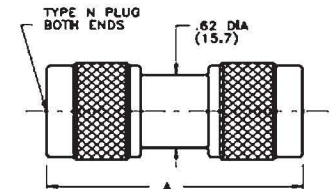
| DC - 18.0 GHz | 219 Series | Model Number |
|---|--------------------|--------------------|
| Male/Female | Female / Female | Male / Male |
| ATT-0219-XX-NNN-02 | ATT-219F-XX-NNN-02 | ATT-219M-XX-NNN-02 |
| Attenuation Value= XX, Select 1 thru 60 dB in 1 dB Increments | | |

| Attenuation Value | Length A |
|-------------------|-------------|
| 1 - 20 dB | 1.77 (45.0) |
| 21 - 60 dB | 2.05 (52.1) |



| DC - 12.4 GHz | 218 Series | Model Number |
|---|--------------------|--------------------|
| Male/Female | Female / Female | Male / Male |
| ATT-0218-XX-NNN-02 | ATT-218F-XX-NNN-02 | ATT-218M-XX-NNN-02 |
| Attenuation Value= XX, Select 1 thru 60 dB in 1 dB Increments | | |

| Attenuation Value | Length A |
|-------------------|-------------|
| 1 - 20 dB | 1.74 (44.2) |
| 21 - 60 dB | 2.02 (51.3) |



| DC - 8.0 GHz | 217 Series | Model Number |
|---|--------------------|--------------------|
| Male/Female | Female / Female | Male / Male |
| ATT-0217-XX-NNN-02 | ATT-217F-XX-NNN-02 | ATT-217M-XX-NNN-02 |
| Attenuation Value= XX, Select 1 thru 60 dB in 1 dB Increments | | |

| Attenuation Value | Length A |
|-------------------|-------------|
| 1 - 20 dB | 1.56 (39.6) |
| 21 - 60 dB | 1.84 (47.0) |

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