

# Attenuators

## BNC Type

### DC - 4 GHz Performance

**Frequency:** DC - 4.0 GHz and DC - 2.0 units available

**Attenuation Values:** 1 - 40 dB as noted

**Attenuation Accuracy:**

|            |           |
|------------|-----------|
| 1 - 6 dB   | ± 0.3 dB  |
| 7 - 10 dB  | ± 0.5 dB  |
| 11 - 20 dB | ± 0.75 dB |
| 21 - 40 dB | ± 1.0 dB  |
| 41-60 dB   | ± 1.5 dB  |

**Impedance:** 50 Ohms

**VSWR:** 1.25 max

**Power:** 2 Watts average @ +25 °C derated linearly to 0.5 Watts @ +125 °C U.O.S.

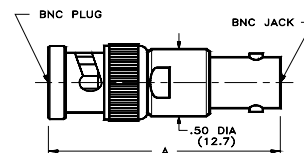
**Peak Power:** 200 Watts for 2Watt units and 100 Watts Peak for 5 & 10 Watt

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

**Finish:** Nickel Plated Brass and Black Anodized Aluminum

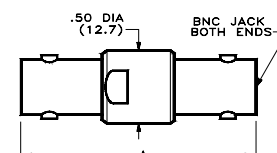


| DC - 4.0 GHz                                                | 313 Series         | Model Number       |
|-------------------------------------------------------------|--------------------|--------------------|
| Male / Female                                               | Female / Female    | Male / Male        |
| ATT-0313-XX-BNC-10                                          | ATT-313F-XX-BNC-10 | ATT-313M-XX-BNC-10 |
| Attenuation Value = XX, Select 1 - 60 dB in 1 dB increments |                    |                    |



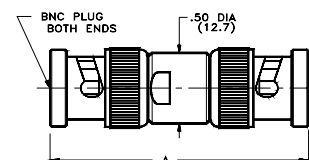
| Attenuation Value | Length A |
|-------------------|----------|
| 1 - 20 dB         | 1.36     |
| 21 - 60 dB        | 1.65     |

| DC - 2.0 GHz                                                | 314 Series         | Model Number       |
|-------------------------------------------------------------|--------------------|--------------------|
| Male/Female                                                 | Female/Female      | Male/Male          |
| ATT-0314-XX-BNC-10                                          | ATT-314F-XX-BNC-10 | ATT-314M-XX-BNC-10 |
| Attenuation Value = XX, Select 1 - 60 dB in 1 dB increments |                    |                    |



| Attenuation Value | Length A |
|-------------------|----------|
| 1 - 20 dB         | 1.43     |
| 21 - 60 dB        | 1.72     |

| DC - 4.0 GHz                                                | 581 Series         | Model Number       |
|-------------------------------------------------------------|--------------------|--------------------|
| Male/Female                                                 | Female/Female      | Male/Male          |
| ATT-0581-XX-BNC-07                                          | ATT-581F-XX-BNC-07 | ATT-581M-XX-BNC-07 |
| Attenuation Value = XX, Select 1 - 60 dB in 1 dB increments |                    |                    |
| <b>5 Watts</b>                                              |                    |                    |



| Attenuation Value | Length A |
|-------------------|----------|
| 1 - 20 dB         | 1.55     |
| 21 - 60 dB        | 1.84     |

| DC - 4.0 GHz                                                | 582 Series         | Model Number       |
|-------------------------------------------------------------|--------------------|--------------------|
| Male/Female                                                 | Female/Female      | Male/Male          |
| ATT-0582-XX-BNC-07                                          | ATT-582F-XX-BNC-07 | ATT-582M-XX-BNC-07 |
| Attenuation Value = XX, Select 1 - 60 dB in 1 dB increments |                    |                    |
| <b>10 Watts</b>                                             |                    |                    |

