

# Attenuators

## TNC Type

### DC - 18 GHz Precision Performance

**Frequency:** DC - 18.0 GHz, DC - 12.4, DC - 8.0 and DC - 2.0 units available

**Attenuation Values:** 1 - 60 dB in 1 dB increments

**Attenuation Accuracy:**

1 - 6 dB	± 0.3 dB
7 - 20 dB	± 0.5 dB
21 - 40 dB	± 1.0 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

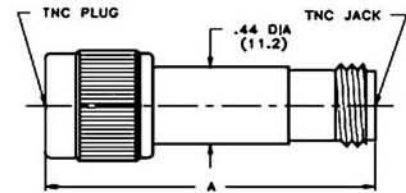
**Peak Power:** 200 Watts

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

**Finish:** Stainless Steel

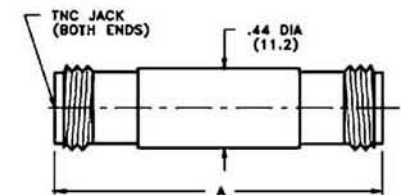


DC - 18.0 GHz	225 Series	Model Number
Male/Female	Female/Female	Male/Male
<a href="#">ATT-0225-XX-TNC-02</a>	<a href="#">ATT-225F-XX-TNC-02</a>	<a href="#">ATT-225M-XX-TNC-02</a>
Attenuation Value = XX, Select 01 thru 60 dB in 1 dB increments		
<i>Broadband Performance</i>		



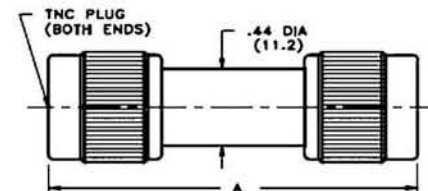
Attenuation Value	Length A
1 - 20 dB	1.57 (39.9)
21 - 60 dB	1.84 (46.7)

DC - 12.4 GHz	224 Series	Model Number
Male/Female	Female / Female	Male / Male
<a href="#">ATT-0224-XX-TNC-02</a>	<a href="#">ATT-224F-XX-TNC-02</a>	<a href="#">ATT-224M-XX-TNC-02</a>
Attenuation Value= XX, Select 01 thru 60 dB in 1 dB Increments		



Attenuation Value	Length A
1 - 20 dB	1.66 (42.2)
21 - 60 dB	1.93 (49.0)

DC - 8.0 GHz	223 Series	Model Number
Male/Female	Female / Female	Male / Male
<a href="#">ATT-0223-XX-TNC-02</a>	<a href="#">ATT-223F-XX-TNC-02</a>	<a href="#">ATT-223M-XX-TNC-02</a>
Attenuation Value= XX, Select 01 thru 60 dB in 1 dB Increments		



Attenuation Value	Length A
1 - 20 dB	1.71 (43.4)
21 - 60 dB	1.98 (50.3)

DC - 2.0 GHz	222 Series	Model Number
Male/Female	Female / Female	Male / Male
<a href="#">ATT-0222-XX-TNC-02</a>	<a href="#">ATT-222F-XX-TNC-02</a>	<a href="#">ATT-222M-XX-TNC-02</a>
Attenuation Value= XX, Select 1 thru 60 dB in 1 dB Increments		