

N, 7/16 Coaxial Fixed Attenuators

Electrical Features

- ✧ **Nominal Impedance:** 50 Ω
- ✧ **Power Rating:** 2W-1000W
- ✧ **Frequency Range:** DC-18GHz
- ✧ **Attenuation Value:** 1-60dB
- ✧ **Normal Attenuation Accuracy:**

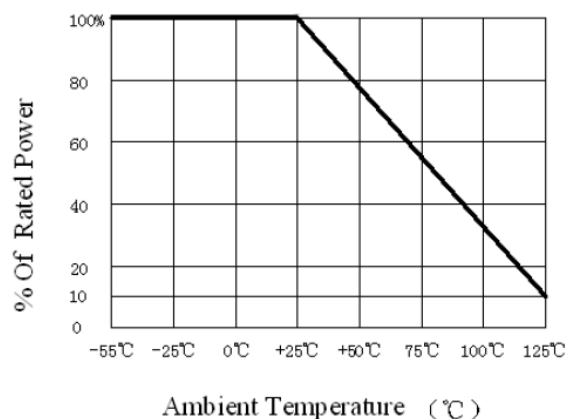
1-10dB	± 0.6 dB ;	11-20dB	± 0.8 dB
21-30dB	± 1.0 dB ;	31-50 dB	± 1.5 dB
50- 60 dB	± 2.0 dB		
- ✧ **Operating Temperature:** -55 $^{\circ}$ C to +125 $^{\circ}$ C
- ✧ **Connector Type:** N (Male/Female)



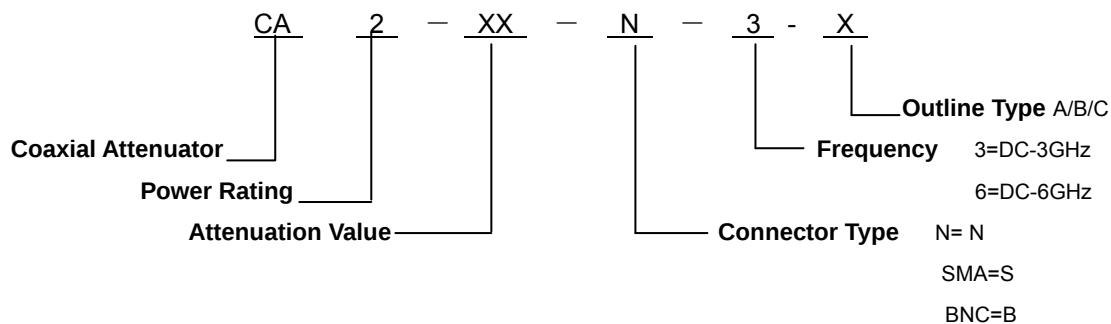
Mechanical Features

- ✧ **Housing:** Aluminum
- ✧ **Connectors:** Brass Nickel Plated
- ✧ **Male Pin:** Brass Gold Plated
- ✧ **Female Pin:** Beryllium Copper Gold Plated
- ✧ **Mechanical Tolerance:** $\pm 2\%$
- ✧ **Packaging:** Box
- ✧ **RoHS Compliant**

Power Derating



HOW TO ORDER



General Specifications for N Connector 2W-1000W DC-18GHz

Part Number	Rated Power(W)	Frequency Rang (GHz)	Attenuation Value (dB)	VSWR (Max.)	Dimensions (mm)
CA2-XX-N-3	2	DC-3	1-9,10, 20, 30	1.20	Φ 20x58
CA2-XX-N-6		DC-6	1-9,10, 20, 30	1.25	
CA5-XX-N-3-A	5	DC-3	1-9,10, 20, 30	1.20	Φ 30x58
CA5-XX-N-6-A		DC-6	1-9,10, 20, 30	1.25	
CA5-XX-N-6-B	5	DC-6	1-9,10, 20, 30	1.15	Φ 21x52
CA5-XX-N-12.4-B		DC-12.4	1-9,10, 20, 30	1.25	
CA5-XX-N-18-B		DC-18	1-9,10, 20, 30	1.30	
CA10-XX-N-3-A	10	DC-3	1-9,10, 20, 30	1.20	Φ 30x58
CA10-XX-N-6-A		DC-6	1-9,10, 20, 30	1.25	
CA10-XX-N-6-B	10	DC-6	1-9,10, 20, 30	1.20	Φ 21x71
CA10-XX-N-12.4-B		DC-12.4	1-9,10, 20, 30	1.25	
CA10-XX-N-18-B		DC-18	1-9,10, 20, 30	1.30	
CA20-XX-N-3	20	DC-3	1-9,10, 20, 30	1.20	Φ 35x72
CA20-XX-N-6		DC-6	1-9,10, 20, 30	1.25	
CA30-XX-N-3	30	DC-3	1-9,10, 20, 30	1.20	Φ 38x109
CA30-XX-N-6		DC-6	1-9,10, 20, 30	1.25	
CA50-XX-N-3-A	50	DC-3	1-9,10, 20, 30	1.20	Φ 45x109
CA50-XX-N-6-A		DC-6	1-9,10, 20, 30	1.25	
CA50-XX-N-3-B		DC-3	1-9,10, 20, 30	1.20	Φ 45x143
CA50-XX-N-8-B	50	DC-8	1-9,10, 20, 30	1.25	
CA50-XX-N-12.4-B		DC-12.4	1-9,10, 20, 30	1.30	
CA50-XX-N-18-B		DC-18	1-9,10, 20, 30	1.40	
CA50-XX-N-3-C	50	DC-3	1-9,10, 20, 30	1.20	60x80x60
CA50-XX-N-6-C		DC-6	1-9,10, 20, 30	1.25	
CA50-XX-N-3-D	50	DC-3	1-9,10, 20, 30	1.20	Φ 64x46
CA50-XX-N-8-D		DC-8	1-9,10, 20, 30	1.25	
CA50-XX-N-12.4-D		DC-12.4	1-9,10, 20, 30	1.30	
CA50-XX-N-18-D		DC-18	1-9,10, 20, 30	1.40	
CA100-XX-N-3-A	100	DC-3	1-9,10, 20, 30	1.20	120x100x60
CA100-XX-N-6-A		DC-6	1-9,10, 20, 30	1.30	
CA100-XX-N-6-B	100	DC-6	1-9,10, 20, 30	1.30	130x76x76
CA100-XX-N-8-B		DC-8	1-9,10, 20, 30	1.35	
CA100-XX-N-10-B		DC-10	1-9,10, 20, 30	1.40	

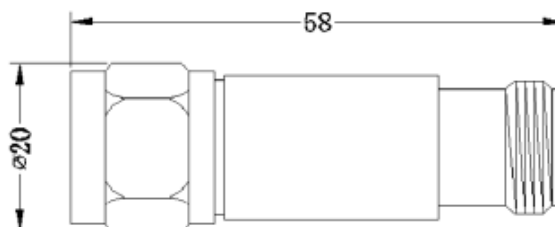
Part Number	Rated Power(W)	Frequency Rang (GHz)	Attenuation Value (dB)	VSWR (Max.)	Dimensions (mm)
CA100-XX-N-12.4-C	100	DC-12.4	10, 20, 30, 40, 50	1.20	Φ64x210
CA100-XX-N-18-C		DC-18	10, 20, 30, 40, 50	1.30	
CA200-XX-N-3-A	200	DC-3	1-9,10, 20, 30	1.20	200x142x 65
CA200-XX-N-6-A		DC-6	1-9,10, 20, 30	1.30	
CA200-XX-N-6-B		DC-6	1-9,10, 20, 30	1.30	
CA200-XX-N-8-B		DC-8	1-9,10, 20, 30	1.35	
CA200-XX-N-10-B	200	DC-10	1-9,10, 20, 30	1.40	200x142x65
CA300-XX-N-3	300	DC-3	1-9,10, 20, 30	1.20	230x160x87
CA300-XX-N-6		DC-6	1-9,10, 20, 30	1.40	
CA500-XX-N-3	500	DC-3	1-9,10, 20, 30	1.30	400x245x97
CA500-XX-N-6		DC-6	1-9,10, 20, 30	1.30	
CA1000-XX-L29B-3	1000	DC-3	30,40,50,60	1.40	400x410x147
CA1000-XX-L29B-6		DC-6	30,40,50,60	1.50	

N, DC-6GHz, 2W

Electrical Specifications

- ✧ **Nominal Impedance:** 50 Ω
- ✧ **Power Rating:** 2W
- ✧ **Connector Type:** N(Male/Female)
- ✧ **Operating Temperature:** -55°C to +125°C
- ✧ **Dimension:** $\Phi 20 \times 58 \text{mm}$
- ✧ **Net Weight:** 65g
- ✧ **RoHS Compliant**

Outline Drawing (mm)



Part Number	Frequency Range(GHz)	Attenuation Value & Accuracy (dB)				VSWR (Max.)
		1-9	10	20	30	
CA2-XX-N-3	DC-3	± 0.4	± 0.5	± 0.6	± 0.8	1.20
CA2-XX-N-6	DC-6	± 0.6	± 0.6	± 0.8	± 1.0	1.25

* xx refer to attenuator value in dB.

Notes:

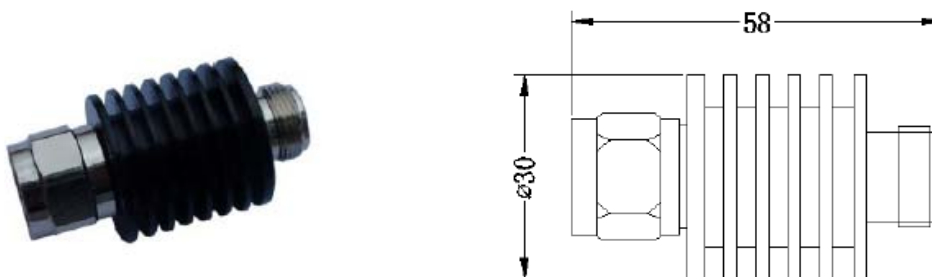
1. The coaxial fixed attenuator must pay attention to the power input direction.
2. Input power shall meet the requirements of the power derating.
3. General peak power 10 times rated power (5 μ s pulse width, 1% duty cycle).

N, DC-6GHz, 5W

Electrical Specifications

- ✧ **Nominal Impedance:** 50 Ω
- ✧ **Power Rating:** 5W
- ✧ **Connector Type:** N(Male/Female)
- ✧ **Operating Temperature:** -55°C to +125°C
- ✧ **Dimension:** $\Phi 30 \times 58 \text{mm}$
- ✧ **Net Weight:** 75g
- ✧ **RoHS Compliant**

Outline Drawing (mm)



Part Number	Frequency Range(GHz)	Attenuation Value & Accuracy (dB)				VSWR (Max.)
		1-9	10	20	30	
CA5-XX-N-3-A	DC-3	± 0.4	± 0.5	± 0.6	± 0.8	1.20
CA5-XX-N-6-A	DC-6	± 0.6	± 0.6	± 0.8	± 1.0	1.25

* xx refer to attenuator value in dB.

Notes:

1. The coaxial fixed attenuator must pay attention to the direction of .
2. Input power shall meet the requirements of the power derating.
3. peak power 10 times rated power (5 μ s pulse width, 1% duty cycle).

N, DC-18GHz, 5W

Electrical Specifications

- ✧ **Nominal Impedance:** 50 Ω
- ✧ **Power Rating:** 5W
- ✧ **Connector Type:** N(Male/Female)
- ✧ **Operating Temperature:** -55°C to +125°C
- ✧ **Dimension:** $\Phi 21 \times 52 \text{mm}$
- ✧ **Net Weight:** 49g
- ✧ **RoHS Compliant**

Outline Drawing (mm)



Part Number	Frequency Range(GHz)	Attenuation Value & Accuracy (dB)				VSWR (Max.)
		1-9	10	20	30	
CA5-XX-N-6-B	DC-6	± 0.4	± 0.5	± 0.6	± 0.8	1.15
CA5-XX-N-12.4-B	DC-12.4	± 0.7	± 0.7	± 0.8	± 1.0	1.25
CA5-XX-N-18-B	DC-18	± 0.7	± 0.7	± 0.8	± 1.0	1.30

* xx refer to attenuator value in dB.

Notes:

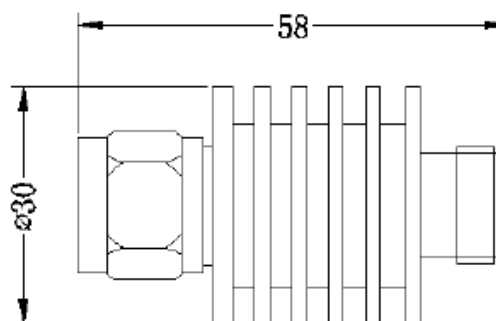
1. The coaxial fixed attenuator must pay attention to the power input direction.
2. Input power shall meet the requirements of the power derating.
3. General Peak power 10 times rated power (5 μ s pulse width, 1% duty cycle).

N, DC-6GHz, 10W

Electrical Specifications

- ✧ **Nominal Impedance:** 50 Ω
- ✧ **Power Rating:** 10W
- ✧ **Connector Type:** N(Male/Female)
- ✧ **Operating Temperature:** -55°C to +125°C
- ✧ **Dimension:** $\Phi 30 \times 58 \text{mm}$
- ✧ **Net Weight:** 75g
- ✧ **RoHS Compliant**

Outline Drawing (mm)



Part Number	Frequency Range(GHz)	Attenuation Value & Accuracy (dB)				VSWR (Max.)
		1-9	10	20	30	
CA10-XX-N-3-A	DC-3	± 0.4	± 0.5	± 0.6	± 0.8	1.20
CA10-XX-N-6-A	DC-6	± 0.6	± 0.6	± 0.8	± 1.0	1.25

* xx refer to attenuator value in dB.

Notes:

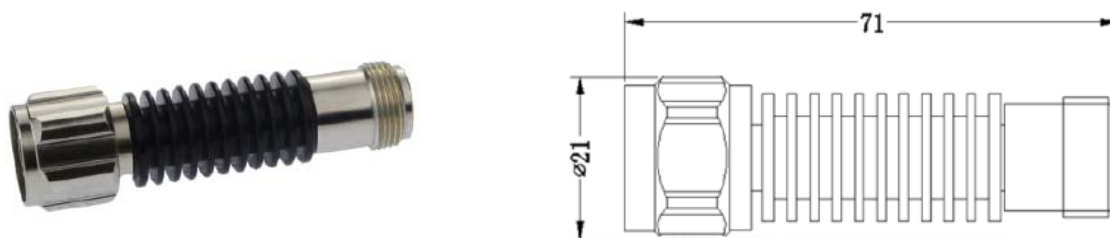
1. The coaxial fixed attenuator must pay attention to the power input direction.
2. Input power shall meet the requirements of the power derating.
3. General peak power 10 times rated power (5 μ s pulse width, 1% duty cycle).

N, DC-18GHz, 10W

Electrical Specifications

- ✧ **Nominal Impedance:** 50 Ω
- ✧ **Power Rating:** 10W
- ✧ **Connector Type:** N(Male/Female)
- ✧ **Operating Temperature:** -55°C to +125°C
- ✧ **Dimension:** $\Phi 21 \times 71$ mm
- ✧ **Net Weight:** 58g
- ✧ **RoHS Compliant**

Outline Drawing (mm)



Part Number	Frequency Range(GHz)	Attenuation Value & Accuracy (dB)				VSWR (Max.)
		1-9	10	20	30	
CA10-XX-N-6-B	DC-6	± 0.4	± 0.5	± 0.6	± 0.8	1.20
CA10-XX-N-12.4-B	DC-12.4	± 0.7	± 0.7	± 0.8	± 1.0	1.25
CA10-XX-N-18-B	DC-18	± 0.7	± 0.7	± 0.8	± 1.0	1.30

* xx refer to attenuator value in dB.

Notes:

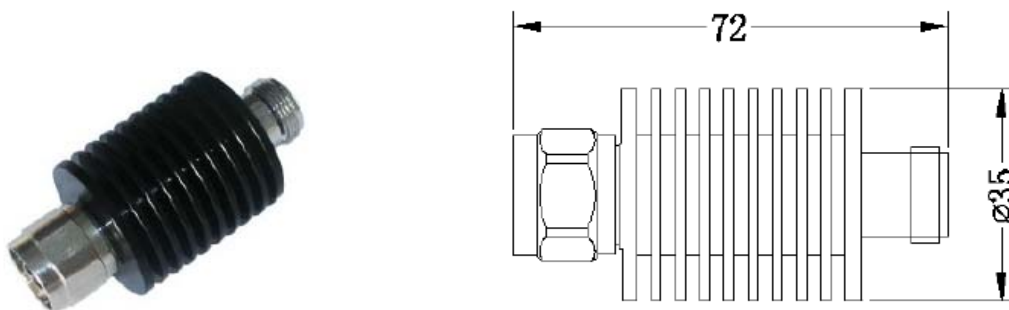
1. The coaxial fixed attenuator must pay attention to the power input direction.
2. Input power shall meet the requirements of the power derating.
3. General peak power 10 times rated power (5 μ s pulse width, 1% duty cycle).

N, DC-6GHz, 20W

Electrical Specifications

- ✧ **Nominal Impedance:** 50 Ω
- ✧ **Power Rating:** 20W
- ✧ **Connector Type:** N(Male/Female)
- ✧ **Operating Temperature:** -55°C to +125°C
- ✧ **Dimension:** $\Phi 35 \times 72$ mm
- ✧ **Net Weight:** 210g
- ✧ **RoHS Compliant**

Outline Drawing (mm)



Part Number	Frequency Range(GHz)	Attenuation Value & Accuracy (dB)				VSWR (Max.)
		1-9	10	20	30	
CA20-XX-N-3	DC-3	± 0.4	± 0.5	± 0.6	± 0.8	1.20
CA20-XX-N-6	DC-6	± 0.6	± 0.8	± 0.8	± 1.0	1.25

* xx refer to attenuator value in dB.

Notes:

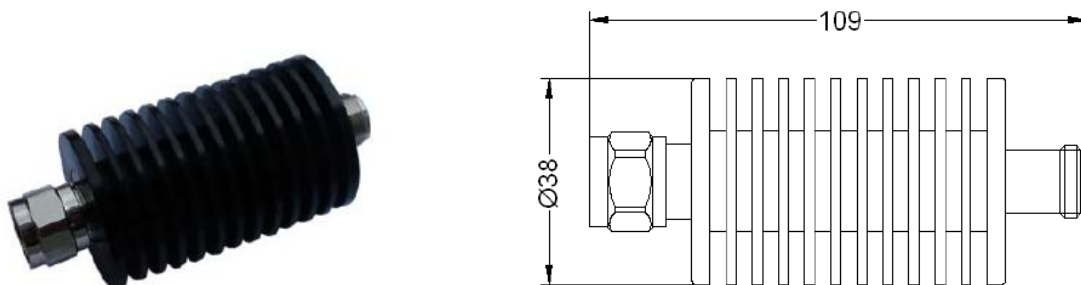
1. The coaxial fixed attenuator must pay attention to the power input direction.
2. Input power shall meet the requirements of the power derating.
3. General peak power 10 times rated power (5 μ s pulse width, 1% duty cycle).

N, DC-6GHz, 30W

Electrical Specifications

- ✧ **Nominal Impedance:** 50 Ω
- ✧ **Power Rating:** 30W
- ✧ **Connector Type:** N(Male/Female)
- ✧ **Operating Temperature:** -55°C to +125°C
- ✧ **Dimension:** $\Phi 38 \times 109 \text{mm}$
- ✧ **Net Weight:** 206g
- ✧ **RoHS Compliant**

Outline Drawing (mm)



Part Number	Frequency Range(GHz)	Attenuation Value & Accuracy (dB)				VSWR (Max.)
		1-9	10	20	30	
CA30-XX-N-3	DC-3	± 0.4	± 0.5	± 0.6	± 0.8	1.20
CA30-XX-N-6	DC-6	± 0.6	± 0.8	± 0.8	± 1.0	1.25

* xx refer to attenuator value in dB.

Notes:

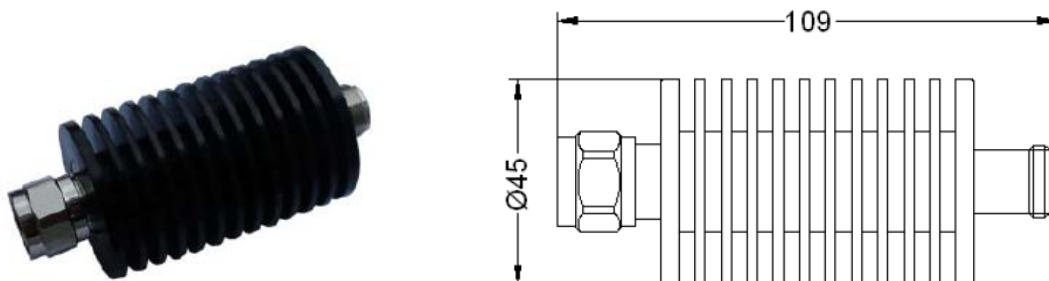
1. The coaxial fixed attenuator must pay attention to the power input direction.
2. Input power shall meet the requirements of the power derating.
3. General peak power 10 times rated power (5 μ s pulse width, 1% duty cycle).

N, DC-6GHz, 50W

Electrical Specifications

- ✧ **Nominal Impedance:** 50 Ω
- ✧ **Power Rating:** 50W
- ✧ **Connector Type:** N(Male/Female)
- ✧ **Operating Temperature:** -55°C to +125°C
- ✧ **Dimension:** $\Phi 45 \times 109$ mm
- ✧ **Net Weight:** 245g
- ✧ **RoHS Compliant**

Outline Drawing (mm)



Part Number	Frequency Range(GHz)	Attenuation Value & Accuracy (dB)				VSWR (Max.)
		1-9	10	20	30	
CA50-XX-N-3-A	DC-3	± 0.4	± 0.5	± 0.6	± 0.8	1.20
CA50-XX-N-6-A	DC-6	± 1.0	± 1.0	± 1.0	± 1.0	1.25

* xx refer to attenuator value in dB.

Notes:

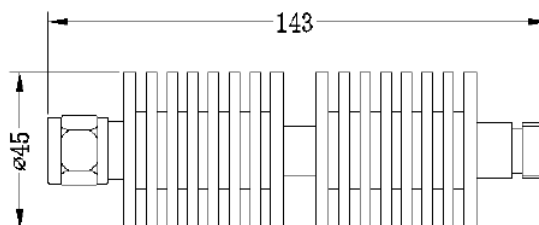
1. The coaxial fixed attenuator must pay attention to the power input direction.
2. Input power shall meet the requirements of the power derating.
3. General peak power 10 times rated power (5 μ s pulse width, 1% duty cycle).

N, DC-18GHz, 50W

Electrical Specifications

- ✧ **Nominal Impedance:** 50 Ω
- ✧ **Power Rating:** 50W
- ✧ **Connector Type:** N(Male/Female)
- ✧ **Operating Temperature:** -55°C to +125°C
- ✧ **Dimension:** $\Phi 45 \times 143 \text{mm}$
- ✧ **Net Weight:** 269g
- ✧ **RoHS Compliant**

Outline Drawing (mm)



Part Number	Frequency Range(GHz)	Attenuation Value & Accuracy (dB)				VSWR (Max.)
		1-9	10	20	30	
CA50-XX-N-3-B	DC-3	± 0.4	± 0.5	± 0.6	± 0.8	1.20
CA50-XX-N-8-B	DC-8	± 0.8	± 0.6	± 0.8	± 0.8	1.25
CA50-XX-N-12.4-B	DC-12.4	± 0.8	± 0.8	± 1.0	± 1.0	1.30
CA50-XX-N-18-B	DC-18	± 1.20	± 1.20	± 1.20	± 1.20	1.40

* xx refer to attenuator value in dB.

Notes:

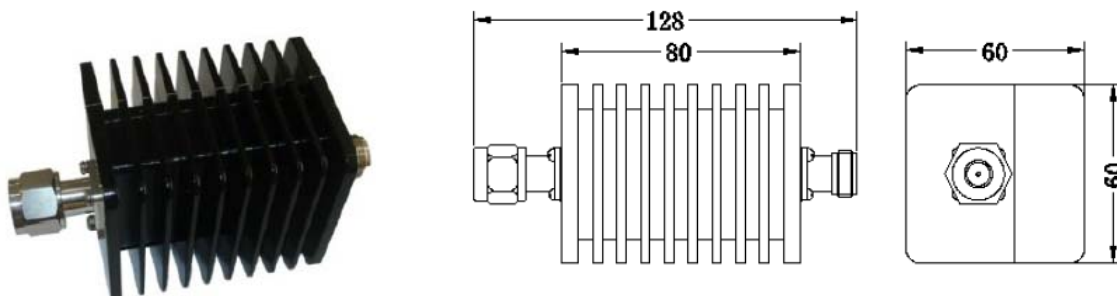
1. The coaxial fixed attenuator must pay attention to the power input direction.
2. Input power shall meet the requirements of the power derating.
3. General peak power 10 times rated power (5 μ s pulse width, 1% duty cycle).

N, DC-6GHz, 50W

Electrical Specifications

- ✧ **Nominal Impedance:** 50 Ω
- ✧ **Power Rating:** 50W
- ✧ **Connector Type:** N(Male/Female) or 7/16
- ✧ **Operating Temperature:** -55°C to +125°C
- ✧ **Dimension:** 60x80x60mm
- ✧ **Net Weight:** 418g
- ✧ **RoHS Compliant**

Outline Drawing (mm)



Part Number	Frequency Range(GHz)	Attenuation Value & Accuracy (dB)				VSWR (Max.)
		1-9	10	20	30	
CA50-XX-N-3-C	DC-3	±0.4	±0.5	±0.6	±0.8	1.20
CA50-XX-N-6-C	DC-6	±1.0	±1.0	±1.0	±1.0	1.25

* xx refer to attenuator value in dB.

Notes:

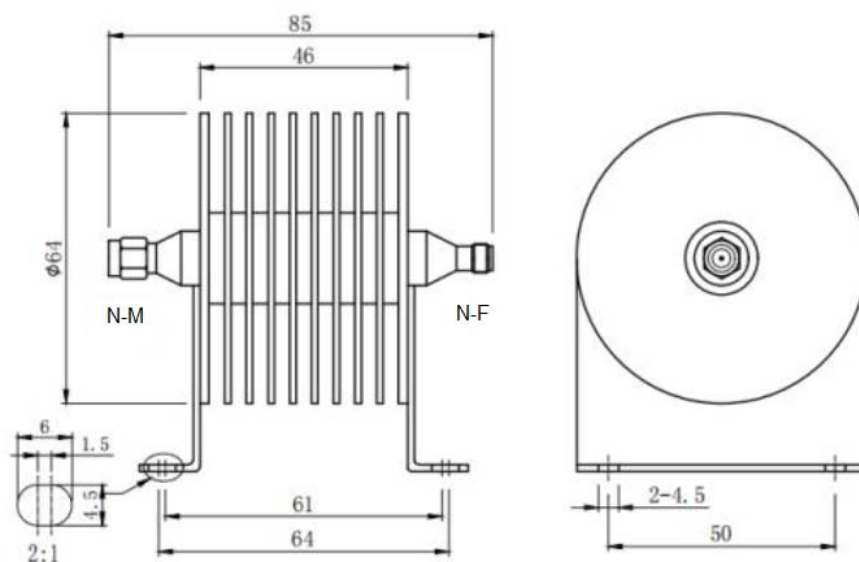
1. The coaxial fixed attenuator must pay attention to the power input direction.
2. Input power shall meet the requirements of the power derating.
3. General peak power 10 times rated power (5 μ s pulse width, 1% duty cycle).

N, DC-18GHz, 50W

Electrical Specifications

- ✧ **Nominal Impedance:** 50 Ω
- ✧ **Power Rating:** 50W
- ✧ **Connector Type:** N(Male/Female)
- ✧ **Operating Temperature:** -55°C to +125°C
- ✧ **Dimension:** $\Phi 64 \times 46$ mm
- ✧ **Net Weight:** 250g
- ✧ **RoHS Compliant**

Outline Drawing (mm)



Part Number	Frequency Range(GHz)	Attenuation Value & Accuracy (dB)				VSWR (Max.)
		1-9	10	20	30	
CA50-XX-N-D	DC-3	±0.4	±0.5	±0.6	±0.8	1.20
CA50-XX-N-8-D	DC-8	±0.8	±0.6	±0.8	±0.8	1.25
CA50-XX-N-12.4-D	DC-12.4	±0.8	±0.8	±0.8	±1.0	1.30
CA50-XX-N-18-D	DC-18	±1.2	±1.2	±1.2	±1.2	1.40

* xx refer to attenuator value in dB.

Notes:

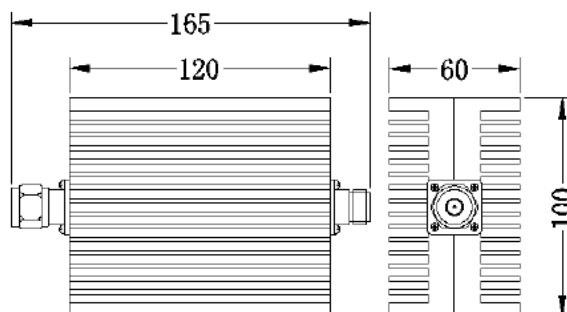
1. The coaxial fixed attenuator must pay attention to the direction of input power.
2. Input power shall meet the requirements of the power derating.
3. General peak power 10 times rated power (5 μ s pulse width, 1% duty cycle).

N, DC-6GHz, 100W

Electrical Specifications

- ✧ **Nominal Impedance:** 50 Ω
- ✧ **Power Rating:** 100W
- ✧ **Connector Type:** N(Male/Female) or 7/16
- ✧ **Operating Temperature:** -55°C to +125°C
- ✧ **Dimension:** 120x100x60mm
- ✧ **Net Weight:** 1.2kg
- ✧ **RoHS Compliant**

Outline Drawing (mm)



Part Number	Frequency Range(GHz)	Attenuation Value & Accuracy (dB)				VSWR (Max.)
		1-9	10	20	30	
CA100-XX-N-3-A	DC-3	±0.5	±0.5	±0.6	±0.8	1.20
CA100-XX-N-6-A	DC-6	±1.0	±1.0	±1.2	±1.2	1.30

* xx refer to attenuator value in dB.

Notes:

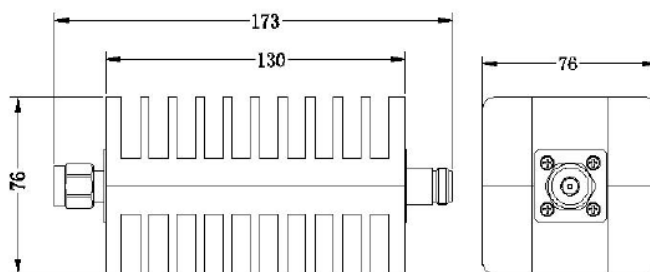
1. The coaxial fixed attenuator must pay attention to the power input direction.
2. Input power shall meet the requirements of the power derating.
3. General peak power 10 times rated power (5 μ s pulse width, 1% duty cycle).

N, DC-10GHz, 100W

Electrical Specifications

- ✧ **Nominal Impedance:** 50 Ω
- ✧ **Power Rating:** 100W
- ✧ **Connector Type:** N(Male/Female)
- ✧ **Operating Temperature:** -55°C to +125°C
- ✧ **Dimension:** 130x76x76mm
- ✧ **Net Weight:** 1.45kg
- ✧ **RoHS Compliant**

Outline Drawing (mm)



Part Number	Frequency Range(GHz)	Attenuation Value & Accuracy (dB)				VSWR (Max.)
		1-9	10	20	30	
CA100-XX-N-6-B	DC-6	±0.8	±0.8	±0.8	±0.8	1.30
CA100-XX-N-8-B	DC-8	±0.8	±0.8	±1.0	±1.0	1.35
CA100-XX-N-10-B	DC-10	±1.0	±0.8	±0.8	±1.0	1.40

* xx refer to attenuator value in dB.

Notes:

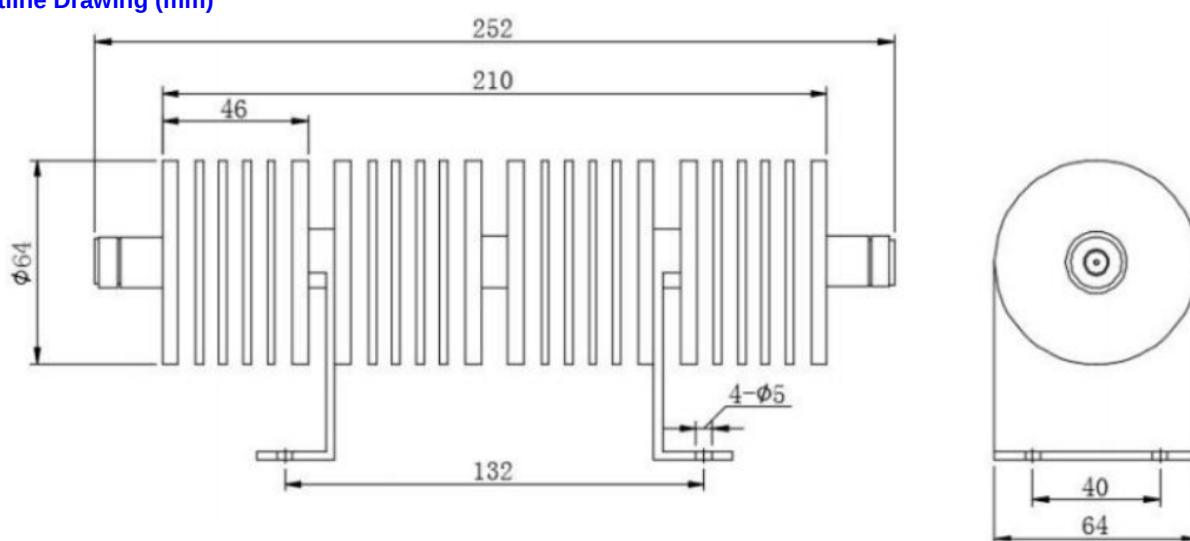
1. The coaxial fixed attenuator must pay attention to the power input direction.
2. Input power shall meet the requirements of the power derating.
3. General peak power 10 times rated power (5 μ s pulse width, 1% duty cycle).

N, DC-18GHz, 100W

Electrical Specifications

- ✧ **Nominal Impedance:** 50 Ω
- ✧ **Power Rating:** 100W
- ✧ **Connector Type:** N(Male/Female)
- ✧ **Operating Temperature:** -55°C to +125°C
- ✧ **Dimension:** $\Phi 64 \times 210 \text{mm}$
- ✧ **Net Weight:** 0.8kg
- ✧ **RoHS Compliant**

Outline Drawing (mm)



Part Number	Frequency Range(GHz)	Attenuation Value & Accuracy (dB)				VSWR (Max.)
		10, 20	30	40	50	
CA100-XX-N-12.4-C	DC-12.4	+1.0/-2.0	+0.7/-1.0	+0.5/-1.0	-0.5/+1.5	1.35
CA100-XX-N-18-C	DC-18	+2.5/-2.0	-1.0/-1.5	-1.0/+1.5	-1.0/+1.5	1.45

* xx refer to attenuator value in dB.

Notes:

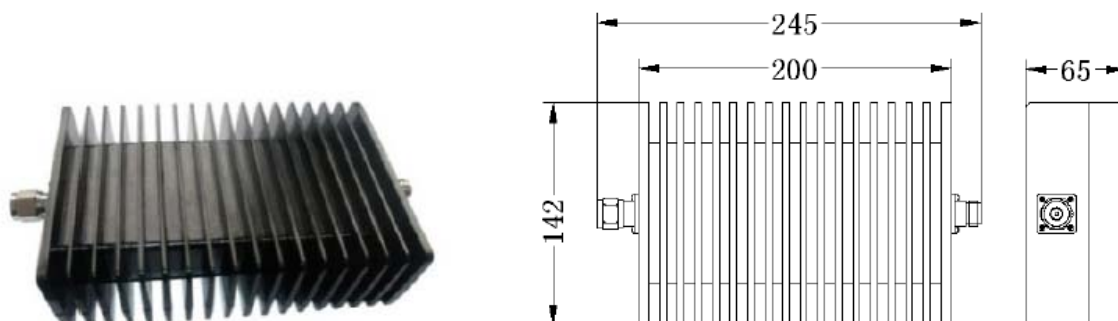
1. The coaxial fixed attenuator must pay attention to the power input direction.
2. Input power shall meet the requirements of the power derating.
3. General peak power 10 times rated power (5 μ s pulse width, 1% duty cycle).

N, DC-6GHz, 200W

Electrical Specifications

- ✧ **Nominal Impedance:** 50 Ω
- ✧ **Power Rating:** 200W
- ✧ **Connector Type:** N(Male/Female) or 7/16
- ✧ **Operating Temperature:** -55°C to +125°C
- ✧ **Dimension:** 200x142x65mm
- ✧ **Net Weight:** 2.4kg
- ✧ **RoHS Compliant**

Outline Drawing (mm)



Part Number	Frequency Range(GHz)	Attenuation Value & Accuracy (dB)				VSWR (Max.)
		1-9	10	20	30	
CA200-XX-N-3-A	DC-3	±0.6	±0.8	±0.8	±1.0	1.20
CA200-XX-N-6-A	DC-6	±1.5	±1.5	±1.5	±2.0	1.30

* xx refer to attenuator value in dB.

Notes:

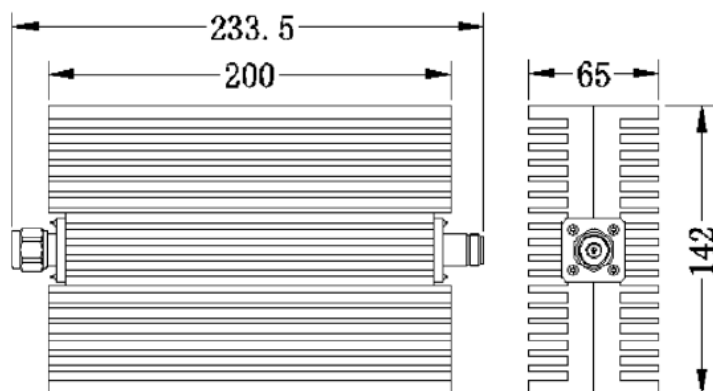
1. The coaxial fixed attenuator must pay attention to the power input direction.
2. Input power shall meet the requirements of the power derating.
3. General peak power 10 times rated power (5 μ s pulse width, 1% duty cycle).

N, DC-10GHz, 200W

Electrical Specifications

- ✧ **Nominal Impedance:** 50 Ω
- ✧ **Power Rating:** 200W
- ✧ **Connector Type:** N(Male/Female)
- ✧ **Operating Temperature:** -55°C to +125°C
- ✧ **Dimension:** 200x142x65mm
- ✧ **Net Weight:** 1.45kg
- ✧ **RoHS Compliant**

Outline Drawing (mm)



Part Number	Frequency Range(GHz)	Attenuation Value & Accuracy (dB)				VSWR (Max.)
		1-9	10	20	30	
CA200-XX-N-6-B	DC-6	±0.8	±0.8	±0.8	±0.8	1.30
CA200-XX-N-8-B	DC-8	±0.8	±0.8	±1.0	±1.0	1.35
CA200-XX-N-10-B	DC-10	±1.0	±0.8	±0.8	±1.0	1.40

* xx refer to attenuator value in dB.

Notes:

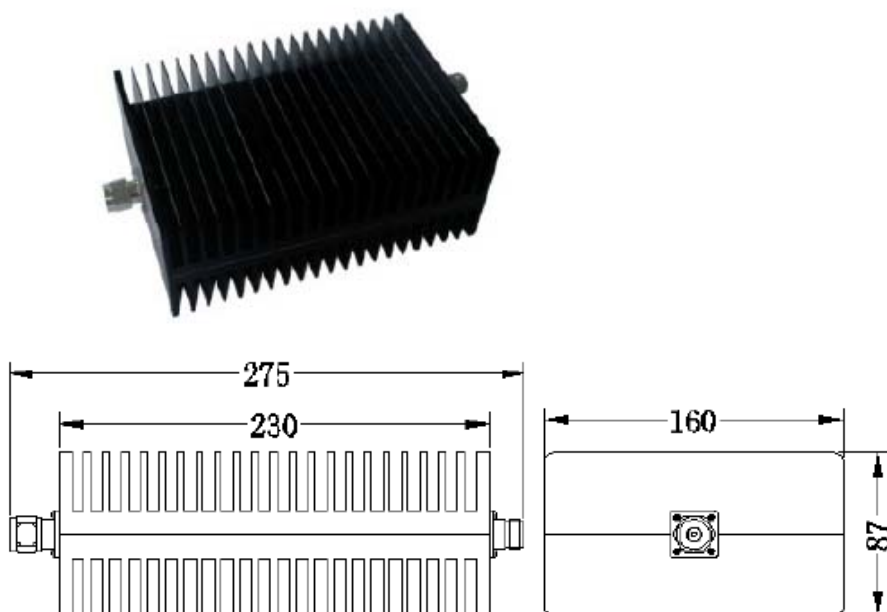
1. The coaxial fixed attenuator must pay attention to the power input direction.
2. Input power shall meet the requirements of the power derating.
3. General peak power 10 times rated power (5 μ s pulse width, 1% duty cycle).

N, DC-6GHz, 300W

Electrical Specifications

- ✧ **Nominal Impedance:** 50 Ω
- ✧ **Power Rating:** 300W
- ✧ **Connector Type:** N(Male/Female) or 7/16
- ✧ **Operating Temperature:** -55°C to +125°C
- ✧ **Dimension:** 230x160x87mm
- ✧ **Net Weight:** 3.4kg
- ✧ **RoHS Compliant**

Outline Drawing (mm)



Part Number	Frequency Range(GHz)	Attenuation Value & Accuracy (dB)				VSWR (Max.)
		1-9	10	20	30	
CA300-XX-N-3	DC-3	±0.6	±0.8	±0.8	±1.0	1.20
CA300-XX-N-6	DC-6	±1.5	±1.5	±2.0	±2.0	1.40

* xx refer to attenuator value in dB.

Notes:

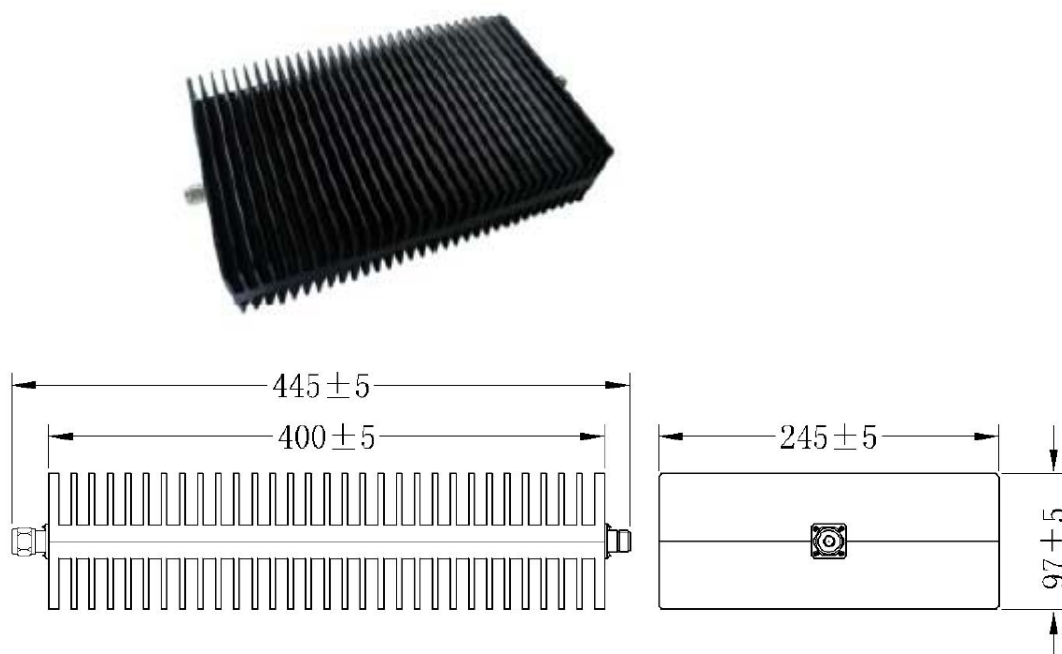
1. The coaxial fixed attenuator must pay attention to the power input direction.
2. Input power shall meet the requirements of the power derating.
3. General peak power 10 times rated power (5 μ s pulse width, 1% duty cycle).

N, DC-6GHz, 500W

Electrical Specifications

- ✧ **Nominal Impedance:** 50 Ω
- ✧ **Power Rating:** 500W
- ✧ **Connector Type:** N(Male/Female) or 7/16
- ✧ **Operating Temperature:** -55°C to +125°C
- ✧ **Dimension:** 400x245x97mm
- ✧ **Net Weight:** 10kg
- ✧ **RoHS Compliant**

Outline Drawing (mm)



Part Number	Frequency Range(GHz)	Attenuation Value & Accuracy (dB)				VSWR (Max.)
		1-9	10	20	30	
CA500-XX-N-3	DC-3	±1.0	±1.0	±1.0	±1.2	1.30
CA500-XX-N-6	DC-6	±2.0	±2.0	±2.0	±2.0	1.40

* xx refer to attenuator value in dB.

Notes:

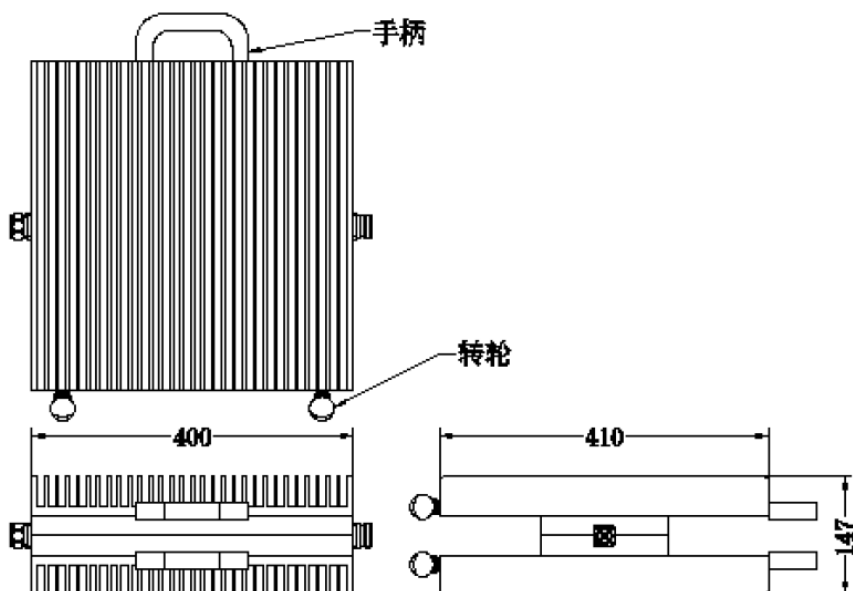
1. The coaxial fixed attenuator must pay attention to the power input direction.
2. Input power shall meet the requirements of the power derating.
3. General peak power 10 times rated power (5 μ s pulse width, 1% duty cycle).

DC-6GHz, 1000W, 7/16

Electrical Specifications

- ✧ **Nominal Impedance:** 50 Ω
- ✧ **Power Rating:** 1000W
- ✧ **Connector Type:** 7/16
- ✧ **Operating Temperature:** -40°C to +85°C
- ✧ **Dimension:** 400x410x147mm
- ✧ **Net Weight:** 20kg
- ✧ **RoHS Compliant**

Outline Drawing (mm)



Part Number	Frequency Range(GHz)	Attenuation Value & Accuracy (dB)				VSWR (Max.)
		30	40	50	60	
CA1000-XX-L29B-3	DC-3	±1.5	±1.5	±2.0	±2.0	1.40
CA1000-XX-L29B-6	DC-6	±2.0	±2.0	±2.5	±3.0	1.50

* xx refer to attenuator value in dB.

Notes:

1. The coaxial fixed attenuator must pay attention to the power input direction.
2. Input power shall meet the requirements of the power derating.
3. General peak power 10 times rated power (5 μ s pulse width, 1% duty cycle).