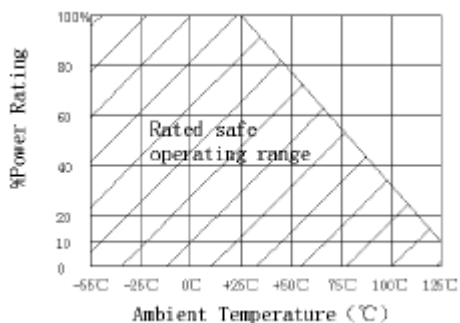


N-Type Coaxial Attenuators

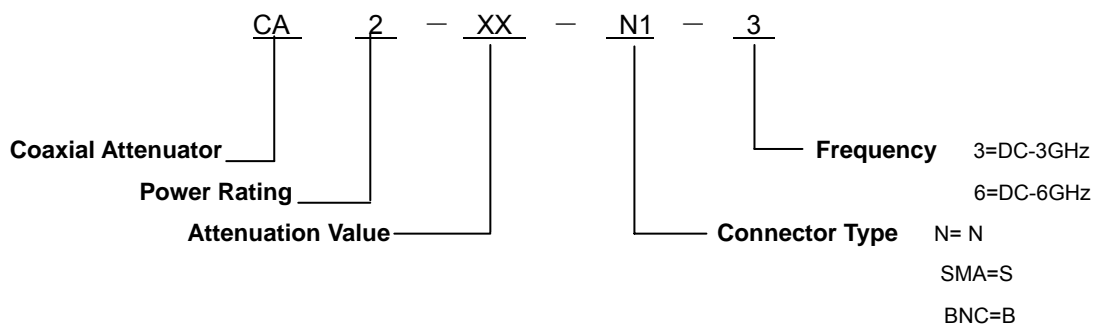
Main Specifications

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Standard Tolerance:** ±5%
- ◇ **Power Rating:** 2W -1000W
- ◇ **Frequency Range :** DC-18GHz
- ◇ **Attenuation Value:** 1-60dB
- ◇ **Attenuation Tolerance:**
 - 1 - 10dB ±0.6dB
 - 11 - 20dB ±0.8dB
 - 21 - 30dB ±1.0dB
 - 31 - 50 dB ±1.5dB
 - 50 - 60 dB ±2.0dB
- ◇ **Operating Temperature:** -55℃ to +85℃
- ◇ **Connector Type:** N (Male/Female)
- ◇ **Mechanical Tolerance:** ±2%
- ◇ **Packaging:** Box
- ◇ **Custom Design Available Upon Request**
- ◇ **RoHS Compliant**

Power Derating



HOW TO ORDER



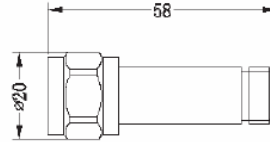
Coaxial Attenuators

Part Number: CA2-XX-N1-3

Electrical Specifications

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 2W
- ◇ **Frequency:** DC-3GHz
- ◇ **VSWR (Max.):** 1.20:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** $\Phi 20 \times 58$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 65g
- ◇ **RoHS Compliant**

Outline Drawing (mm)



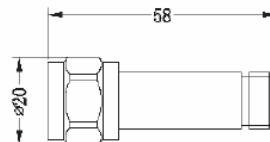
Coaxial Attenuators

Part Number: CA2-XX-N1-6

Electrical Specifications

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 2W
- ◇ **Frequency:** DC-6GHz
- ◇ **VSWR (Max.):** 1.20:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** $\Phi 20 \times 58$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 65g
- ◇ **RoHS Compliant**

Outline Drawing (mm)



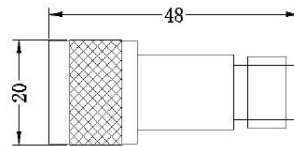
Coaxial Attenuators

Part Number: CA2-XX-N2-3

Electrical Specifications

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 2W
- ◇ **Frequency:** DC-3GHz
- ◇ **VSWR (Max.):** 1.20:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55 $^{\circ}$ C to +85 $^{\circ}$ C
- ◇ **Dimension:** $\Phi 20 \times 48$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 51g
- ◇ **RoHS Compliant**

Outline Drawing (mm)



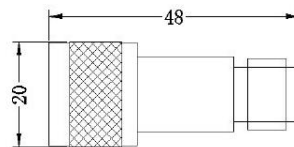
Coaxial Attenuators

Part Number: CA2-XX-N2-8

Electrical Specifications

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 2W
- ◇ **Frequency:** DC-8GHz
- ◇ **VSWR (Max.):** 1.30:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55 $^{\circ}$ C to +85 $^{\circ}$ C
- ◇ **Dimension:** $\Phi 20 \times 48$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 51g
- ◇ **RoHS Compliant**

Outline Drawing (mm)



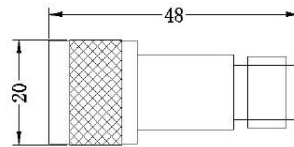
Coaxial Attenuators

Part Number: CA2-XX-N2-12.4

Electrical Specifications

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 2W
- ◇ **Frequency:** DC-12.4GHz
- ◇ **VSWR (Max.):** 1.40:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.8 dB
 - 11-20dB ± 1.0 dB
 - 21-30dB ± 1.1 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** $\Phi 20 \times 48$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 51g
- ◇ **RoHS Compliant**

Outline Drawing (mm)



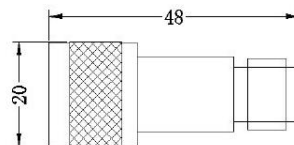
Coaxial Attenuators

Part Number: CA2-XX-N2-18

Electrical Specifications

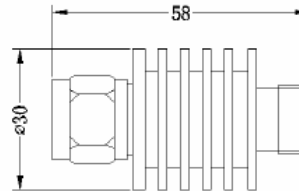
- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 2W
- ◇ **Frequency:** DC-18GHz
- ◇ **VSWR (Max.):** 1.45:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.8 dB
 - 11-20dB ± 1.0 dB
 - 21-30dB ± 1.1 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** $\Phi 20 \times 48$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 51g
- ◇ **RoHS Compliant**

Outline Drawing (mm)

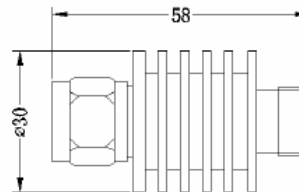


Coaxial Attenuators**Part Number: CA5-XX-N1-3****Electrical Specifications**

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 5W
- ◇ **Frequency:** DC-3GHz
- ◇ **VSWR (Max.):** 1.20:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55 $^{\circ}$ C to +85 $^{\circ}$ C
- ◇ **Dimension:** $\Phi 30 \times 58$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 79g
- ◇ **RoHS Compliant**

Outline Drawing (mm)**Coaxial Attenuators****Part Number: CA5-XX-N1-6****Electrical Specifications**

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 5W
- ◇ **Frequency:** DC-6GHz
- ◇ **VSWR (Max.):** 1.30:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55 $^{\circ}$ C to +85 $^{\circ}$ C
- ◇ **Dimension:** $\Phi 30 \times 58$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 79g
- ◇ **RoHS Compliant**

Outline Drawing (mm)

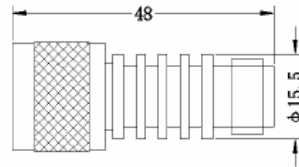
Coaxial Attenuators

Part Number: CA5-XX-N2-3

Electrical Specifications

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 5W
- ◇ **Frequency:** DC-3GHz
- ◇ **VSWR (Max.):** 1.20:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** $\Phi 15.5 \times 48$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 50g
- ◇ **RoHS Compliant**

Outline Drawing (mm)



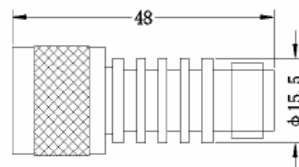
Coaxial Attenuators

Part Number: CA5-XX-N2-8

Electrical Specifications

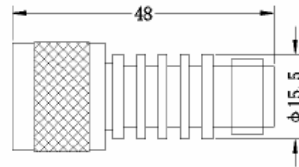
- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 5W
- ◇ **Frequency:** DC-8GHz
- ◇ **VSWR (Max.):** 1.30:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** $\Phi 15.5 \times 48$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 50g
- ◇ **RoHS Compliant**

Outline Drawing (mm)

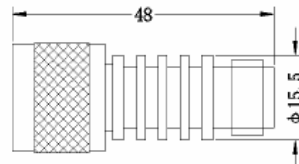


Coaxial Attenuators**Part Number: CA5-XX-N2-12.4****Electrical Specifications**

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 5W
- ◇ **Frequency:** DC-12.4GHz
- ◇ **VSWR (Max.):** 1.40:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.8 dB
 - 11-20dB ± 1.0 dB
 - 21-30dB ± 1.1 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55 $^{\circ}$ C to +85 $^{\circ}$ C
- ◇ **Dimension:** $\Phi 15.5 \times 48$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 50g
- ◇ **RoHS Compliant**

Outline Drawing (mm)**Coaxial Attenuators****Part Number: CA5-XX-N2-18****Electrical Specifications**

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 5W
- ◇ **Frequency:** DC-18GHz
- ◇ **VSWR (Max.):** 1.45:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.9 dB
 - 11-20dB ± 1.1 dB
 - 21-30dB ± 1.2 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55 $^{\circ}$ C to +85 $^{\circ}$ C
- ◇ **Dimension:** $\Phi 15.5 \times 48$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 50g
- ◇ **RoHS Compliant**

Outline Drawing (mm)

Coaxial Attenuators

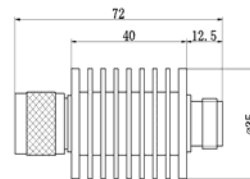
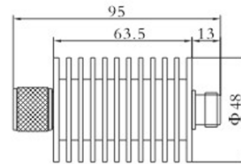
Part Number: CA10-XX-N1-3

Electrical Specifications

- ✧ **Nominal Impedance:** 50 Ω
- ✧ **Power Rating:** 10W
- ✧ **Frequency:** DC-3GHz
- ✧ **VSWR (Max.):** 1.20:1
- ✧ **Attenuation & Tol. :**

1-10dB	±0.6dB
11-20dB	±0.8dB
21-30dB	±1.0dB
31-50dB	±1.5dB
- ✧ **Connector Type:** N(Male/Female)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:** Φ48*95mm Φ35*72mm
- ✧ **Tolerance:** ±2%
- ✧ **Net Weight:** 230g 135g
- ✧ **RoHS Compliant**

Outline Drawing (mm)



Coaxial Attenuators

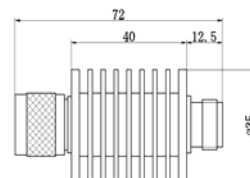
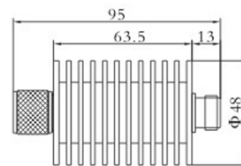
Part Number: CA10-XX-N1-6

Electrical Specifications

- ✧ **Nominal Impedance:** 50 Ω
- ✧ **Power Rating:** 10W
- ✧ **Frequency:** DC-6GHz
- ✧ **VSWR (Max.):** 1.30:1
- ✧ **Attenuation & Tol. :**

1-10dB	±0.6dB
11-20dB	±0.8dB
21-30dB	±1.0dB
31-50dB	±1.5dB
- ✧ **Connector Type:** N(Male/Female)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:** Φ48*95mm Φ35*72mm
- ✧ **Tolerance:** ±2%
- ✧ **Net Weight:** 230g 135g
- ✧ **RoHS Compliant**

Outline Drawing (mm)



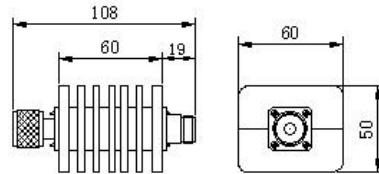
Coaxial Attenuators

Part Number: CA10-XX-N2-3

Electrical Specifications

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 10W
- ◇ **Frequency:** DC-3GHz
- ◇ **VSWR (Max.):** 1.20:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
 - 31-50dB ± 1.5 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** 60*60*50mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 368g
- ◇ **RoHS Compliant**

Outline Drawing (mm)



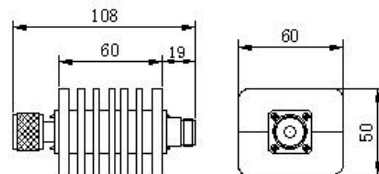
Coaxial Attenuators

Part Number: CA10-XX-N2-6

Electrical Specifications

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 10W
- ◇ **Frequency:** DC-6GHz
- ◇ **VSWR (Max.):** 1.30:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
 - 31-50dB ± 1.5 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** 60*60*50mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 368g
- ◇ **RoHS Compliant**

Outline Drawing (mm)



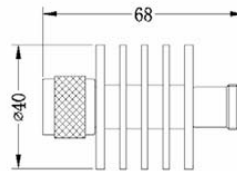
Coaxial Attenuators

Part Number: CA10-XX-N3-3

Electrical Specifications

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 10W
- ◇ **Frequency:** DC-3GHz
- ◇ **VSWR (Max.):** 1.20:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55 $^{\circ}$ C to +85 $^{\circ}$ C
- ◇ **Dimension:** $\Phi 40 \times 68$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 96g
- ◇ **RoHS Compliant**

Outline Drawing (mm)



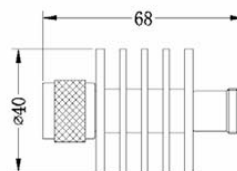
Coaxial Attenuators

Part Number: CA10-XX-N3-8

Electrical Specifications

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 10W
- ◇ **Frequency:** DC-8GHz
- ◇ **VSWR (Max.):** 1.30:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.7 dB
 - 11-20dB ± 0.9 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55 $^{\circ}$ C to +85 $^{\circ}$ C
- ◇ **Dimension:** $\Phi 40 \times 68$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 96g
- ◇ **RoHS Compliant**

Outline Drawing (mm)



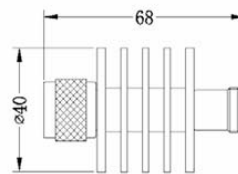
Coaxial Attenuators

Part Number: CA10-XX-N3-12.4

Electrical Specifications

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 10W
- ◇ **Frequency:** DC-12.4GHz
- ◇ **VSWR (Max.):** 1.40:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.9 dB
 - 11-20dB ± 1.1 dB
 - 21-30dB ± 1.2 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** $\Phi 40 \times 68$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 96g
- ◇ **RoHS Compliant**

Outline Drawing (mm)



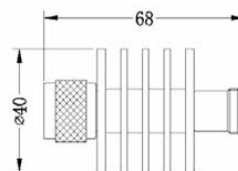
Coaxial Attenuators

Part Number: CA10-XX-N3-18

Electrical Specifications

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 10W
- ◇ **Frequency:** DC-18GHz
- ◇ **VSWR (Max.):** 1.45:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.9 dB
 - 11-20dB ± 1.1 dB
 - 21-30dB ± 1.2 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** $\Phi 40 \times 68$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 96g
- ◇ **RoHS Compliant**

Outline Drawing (mm)



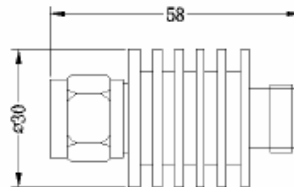
Coaxial Attenuators

Part Number: CA10-XX-N4-3

Electrical Specifications

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 10W
- ◇ **Frequency:** DC-3GHz
- ◇ **VSWR (Max.):** 1.20:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** $\Phi 30 \times 58$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 78g
- ◇ **RoHS Compliant**

Outline Drawing (mm)



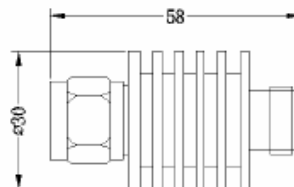
Coaxial Attenuators

Part Number: CA10-XX-N4-6

Electrical Specifications

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 10W
- ◇ **Frequency:** DC-6GHz
- ◇ **VSWR (Max.):** 1.30:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** $\Phi 30 \times 58$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 78g
- ◇ **RoHS Compliant**

Outline Drawing (mm)



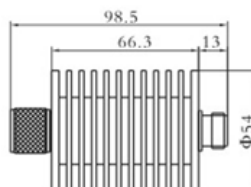
Coaxial Attenuators

Part Number: CA20-XX-N1-3

Electrical Specifications

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 20W
- ◇ **Frequency:** DC-3GHz
- ◇ **VSWR (Max.):** 1.20:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** $\Phi 54 \times 98.5$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 212g
- ◇ **RoHS Compliant**

Outline Drawing (mm)



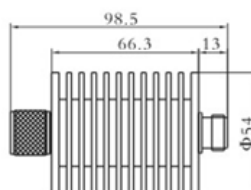
Coaxial Attenuators

Part Number: CA20-XX-N1-6

Electrical Specifications

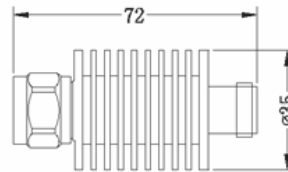
- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 20W
- ◇ **Frequency:** DC-6GHz
- ◇ **VSWR (Max.):** 1.30:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** $\Phi 54 \times 98.5$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 212g
- ◇ **RoHS Compliant**

Outline Drawing (mm)

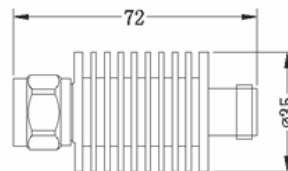


Coaxial Attenuators**Part Number: CA20-XX-N2-3****Electrical Specifications**

- ✧ **Nominal Impedance:** 50 Ω
- ✧ **Power Rating:** 20W
- ✧ **Frequency:** DC-3GHz
- ✧ **VSWR (Max.):** 1.20:1
- ✧ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ✧ **Connector Type:** N(Male/Female)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:** $\Phi 35 \times 72$ mm
- ✧ **Tolerance:** $\pm 2\%$
- ✧ **Net Weight:** 115g
- ✧ **RoHS Compliant**

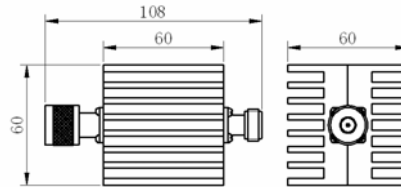
Outline Drawing (mm)**Coaxial Attenuators****Part Number: CA20-XX-N2-6****Electrical Specifications**

- ✧ **Nominal Impedance:** 50 Ω
- ✧ **Power Rating:** 20W
- ✧ **Frequency:** DC-6GHz
- ✧ **VSWR (Max.):** 1.30:1
- ✧ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ✧ **Connector Type:** N(Male/Female)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:** $\Phi 35 \times 72$ mm
- ✧ **Tolerance:** $\pm 2\%$
- ✧ **Net Weight:** 115g
- ✧ **RoHS Compliant**

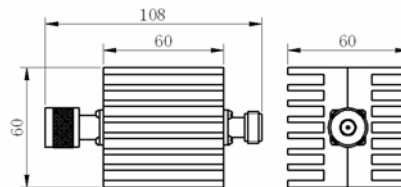
Outline Drawing (mm)

Coaxial Attenuators**Part Number: CA25-XX-N1-3****Electrical Specifications**

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 25W
- ◇ **Frequency:** DC-3GHz
- ◇ **VSWR (Max.):** 1.20:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** 60*60*60mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 403g
- ◇ **RoHS Compliant**

Outline Drawing (mm)**Coaxial Attenuators****Part Number: CA25-XX-N1-6****Electrical Specifications**

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 25W
- ◇ **Frequency:** DC-6GHz
- ◇ **VSWR (Max.):** 1.30:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** 60*60*60mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 403g
- ◇ **RoHS Compliant**

Outline Drawing (mm)

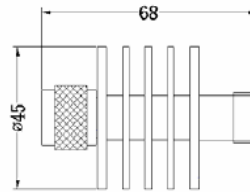
Coaxial Attenuators

Part Number: CA25-XX-N2-3

Electrical Specifications

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 25W
- ◇ **Frequency:** DC-3GHz
- ◇ **VSWR (Max.):** 1.20:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55 $^{\circ}$ C to +85 $^{\circ}$ C
- ◇ **Dimension:** $\Phi 45 \times 68$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 105g
- ◇ **RoHS Compliant**

Outline Drawing (mm)



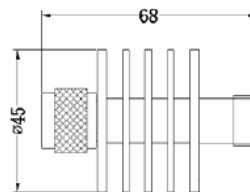
Coaxial Attenuators

Part Number: CA25-XX-N2-8

Electrical Specifications

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 25W
- ◇ **Frequency:** DC-8GHz
- ◇ **VSWR (Max.):** 1.30:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.7 dB
 - 11-20dB ± 0.9 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55 $^{\circ}$ C to +85 $^{\circ}$ C
- ◇ **Dimension:** $\Phi 45 \times 68$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 105g
- ◇ **RoHS Compliant**

Outline Drawing (mm)



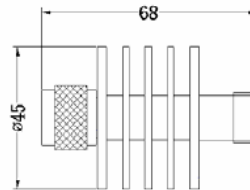
Coaxial Attenuators

Part Number: CA25-XX-N2-12.4

Electrical Specifications

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 25W
- ◇ **Frequency:** DC-12.4GHz
- ◇ **VSWR (Max.):** 1.40:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.9 dB
 - 11-20dB ± 1.1 dB
 - 21-30dB ± 1.2 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** $\Phi 45 \times 68$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 105g
- ◇ **RoHS Compliant**

Outline Drawing (mm)



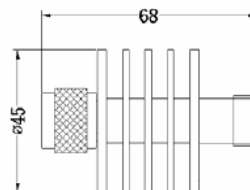
Coaxial Attenuators

Part Number: CA25-XX-N2-18

Electrical Specifications

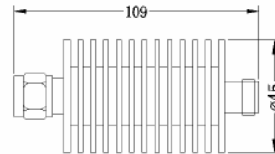
- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 25W
- ◇ **Frequency:** DC-18GHz
- ◇ **VSWR (Max.):** 1.45:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.9 dB
 - 11-20dB ± 1.1 dB
 - 21-30dB ± 1.2 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** $\Phi 45 \times 68$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 105g
- ◇ **RoHS Compliant**

Outline Drawing (mm)

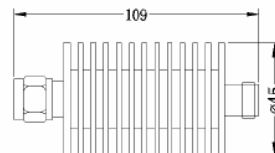


Coaxial Attenuators**Part Number: CA30-XX-N1-3****Electrical Specifications**

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 30W
- ◇ **Frequency:** DC-3GHz
- ◇ **VSWR (Max.):** 1.20:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** $\Phi 45 \times 109$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 246g
- ◇ **RoHS Compliant**

Outline Drawing (mm)**Coaxial Attenuators****Part Number: CA30-XX-N1-6****Electrical Specifications**

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 30W
- ◇ **Frequency:** DC-6GHz
- ◇ **VSWR (Max.):** 1.30:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** $\Phi 45 \times 109$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 246g
- ◇ **RoHS Compliant**

Outline Drawing (mm)

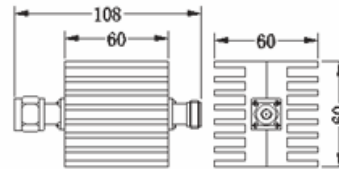
Coaxial Attenuators

Part Number: CA30-XX-N2-3

Electrical Specifications

- ✧ **Nominal Impedance:** 50 Ω
- ✧ **Power Rating:** 30W
- ✧ **Frequency:** DC-3GHz
- ✧ **VSWR (Max.):** 1.20:1
- ✧ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ✧ **Connector Type:** N(Male/Female)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:** 60*60*60mm
- ✧ **Tolerance:** $\pm 2\%$
- ✧ **Net Weight:** 400g
- ✧ **RoHS Compliant**

Outline Drawing (mm)



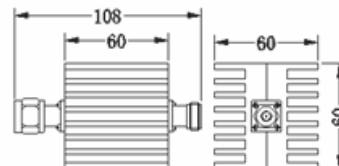
Coaxial Attenuators

Part Number: CA30-XX-N2-6

Electrical Specifications

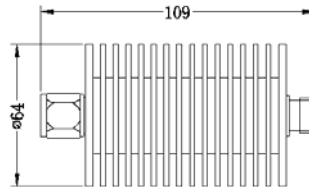
- ✧ **Nominal Impedance:** 50 Ω
- ✧ **Power Rating:** 30W
- ✧ **Frequency:** DC-6GHz
- ✧ **VSWR (Max.):** 1.30:1
- ✧ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ✧ **Connector Type:** N(Male/Female)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:** 60*60*60mm
- ✧ **Tolerance:** $\pm 2\%$
- ✧ **Net Weight:** 400g
- ✧ **RoHS Compliant**

Outline Drawing (mm)

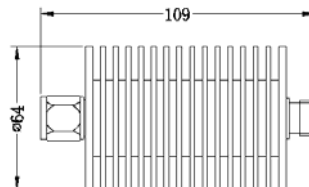


Coaxial Attenuators**Part Number: CA50-XX-N1-3****Electrical Specifications**

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 50W
- ◇ **Frequency:** DC-3GHz
- ◇ **VSWR (Max.):** 1.20:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** $\Phi 64 \times 109$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 418g
- ◇ **RoHS Compliant**

Outline Drawing (mm)**Coaxial Attenuators****Part Number: CA50-XX-N1-6****Electrical Specifications**

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 50W
- ◇ **Frequency:** DC-6GHz
- ◇ **VSWR (Max.):** 1.30:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** $\Phi 64 \times 109$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 418g
- ◇ **RoHS Compliant**

Outline Drawing (mm)

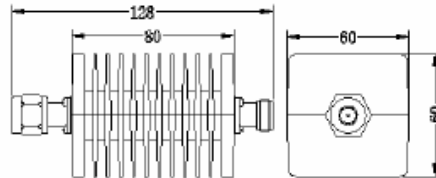
Coaxial Attenuators

Part Number: CA50-XX-N2-3

Electrical Specifications

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 50W
- ◇ **Frequency:** DC-3GHz
- ◇ **VSWR (Max.):** 1.20:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** 60*80*60mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 390g
- ◇ **RoHS Compliant**

Outline Drawing (mm)



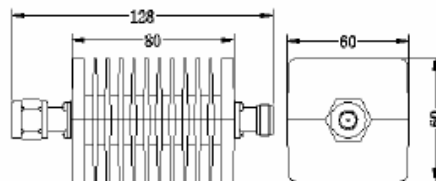
Coaxial Attenuators

Part Number: CA50-XX-N2-6

Electrical Specifications

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 50W
- ◇ **Frequency:** DC-6GHz
- ◇ **VSWR (Max.):** 1.30:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** 60*80*60mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 390g
- ◇ **RoHS Compliant**

Outline Drawing (mm)



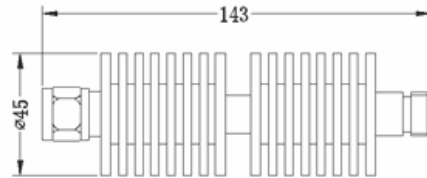
Coaxial Attenuators

Part Number: CA50-XX-N3-3

Electrical Specifications

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 50W
- ◇ **Frequency:** DC-3GHz
- ◇ **VSWR (Max.):** 1.20:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** $\Phi 45 \times 143$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 271g
- ◇ **RoHS Compliant**

Outline Drawing (mm)



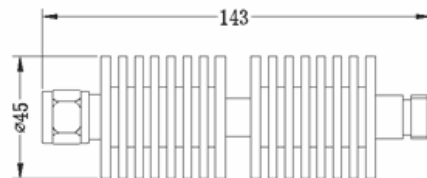
Coaxial Attenuators

Part Number: CA50-XX-N3-8

Electrical Specifications

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 50W
- ◇ **Frequency:** DC-8GHz
- ◇ **VSWR (Max.):** 1.30:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.7 dB
 - 11-20dB ± 0.9 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** $\Phi 45 \times 143$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 271g
- ◇ **RoHS Compliant**

Outline Drawing (mm)



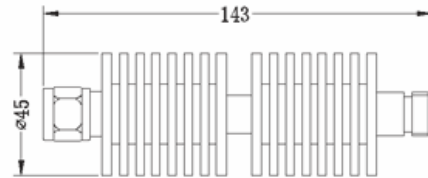
Coaxial Attenuators

Part Number: CA50-XX-N3-12.4

Electrical Specifications

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 50W
- ◇ **Frequency:** DC-12.4GHz
- ◇ **VSWR (Max.):** 1.40:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.9 dB
 - 11-20dB ± 1.1 dB
 - 21-30dB ± 1.1 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** $\Phi 45 \times 143$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 271g
- ◇ **RoHS Compliant**

Outline Drawing (mm)



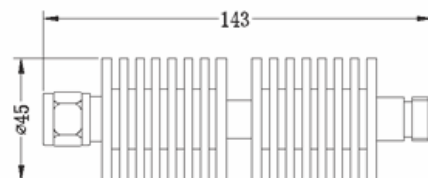
Coaxial Attenuators

Part Number: CA50-XX-N3-18

Electrical Specifications

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 50W
- ◇ **Frequency:** DC-18GHz
- ◇ **VSWR (Max.):** 1.45:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 1.3 dB
 - 11-20dB ± 1.3 dB
 - 21-30dB ± 1.4 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** $\Phi 45 \times 143$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 271g
- ◇ **RoHS Compliant**

Outline Drawing (mm)



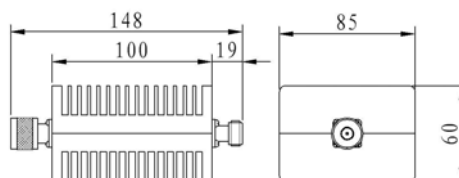
Coaxial Attenuators

Part Number: CA80-XX-N1-3

Electrical Specifications

- ✧ **Nominal Impedance:** 50 Ω
- ✧ **Power Rating:** 80W
- ✧ **Frequency:** DC-3GHz
- ✧ **VSWR (Max.):** 1.20:1
- ✧ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ✧ **Connector Type:** N(Male/Female)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:** 100*85*60mm
- ✧ **Tolerance:** $\pm 2\%$
- ✧ **Net Weight:** 920g
- ✧ **RoHS Compliant**
- ✧ **7/16 connector can be offered too**

Outline Drawing (mm)



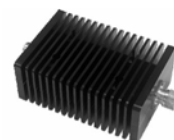
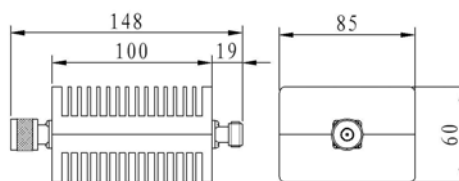
Coaxial Attenuators

Part Number: CA80-XX-N1-6

Electrical Specifications

- ✧ **Nominal Impedance:** 50 Ω
- ✧ **Power Rating:** 80W
- ✧ **Frequency:** DC-6GHz
- ✧ **VSWR (Max.):** 1.30:1
- ✧ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ✧ **Connector Type:** N(Male/Female)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:** 100*85*60mm
- ✧ **Tolerance:** $\pm 2\%$
- ✧ **Net Weight:** 920g
- ✧ **RoHS Compliant**
- ✧ **7/16 connector can be offered too**

Outline Drawing (mm)



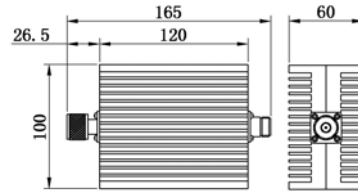
Coaxial Attenuators

Part Number: CA100-XX-N1-3

Electrical Specifications

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 100W
- ◇ **Frequency:** DC-3GHz
- ◇ **VSWR (Max.):** 1.20:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55 $^{\circ}$ C to +85 $^{\circ}$ C
- ◇ **Dimension:** 120*100*60mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 1.21kg
- ◇ **RoHS Compliant**

Outline Drawing (mm)



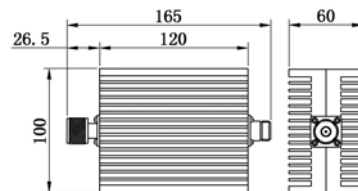
Coaxial Attenuators

Part Number: CA100-XX-N1-6

Electrical Specifications

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 100W
- ◇ **Frequency:** DC-6GHz
- ◇ **VSWR (Max.):** 1.30:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55 $^{\circ}$ C to +85 $^{\circ}$ C
- ◇ **Dimension:** 120*100*60mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 1.21kg
- ◇ **RoHS Compliant**

Outline Drawing (mm)



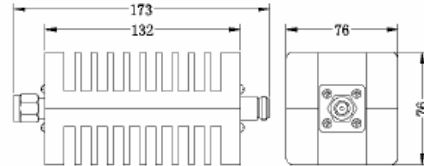
Coaxial Attenuators

Part Number: CA100-XX-N2-3

Electrical Specifications

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 100W
- ◇ **Frequency:** DC-3GHz
- ◇ **VSWR (Max.):** 1.20:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** 132*76*76mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 1.45kg
- ◇ **RoHS Compliant**

Outline Drawing (mm)



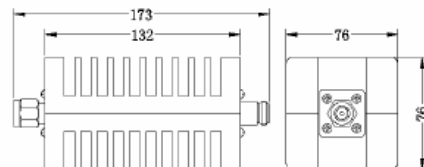
Coaxial Attenuators

Part Number: CA100-XX-N2-8

Electrical Specifications

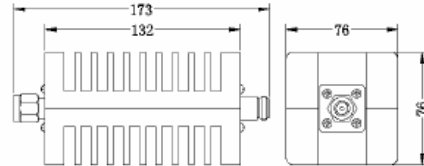
- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 100W
- ◇ **Frequency:** DC-8GHz
- ◇ **VSWR (Max.):** 1.40:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.9 dB
 - 11-20dB ± 1.1 dB
 - 21-30dB ± 1.1 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** 132*76*76mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 1.45kg
- ◇ **RoHS Compliant**

Outline Drawing (mm)

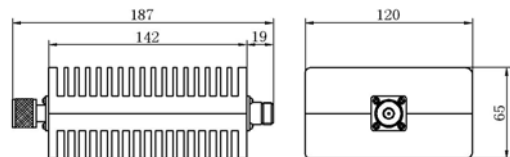


Coaxial Attenuators**Part Number: CA100-XX-N2-10****Electrical Specifications**

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 100W
- ◇ **Frequency:** DC-10GHz
- ◇ **VSWR (Max.):** 1.45:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 1.0 dB
 - 11-20dB ± 1.0 dB
 - 21-30dB ± 1.1 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** 132*76*76mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 1.45kg
- ◇ **RoHS Compliant**

Outline Drawing (mm)**Coaxial Attenuators****Part Number: CA150-XX-N1-3****Electrical Specifications**

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 150W
- ◇ **Frequency:** DC-3GHz
- ◇ **VSWR (Max.):** 1.20:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** 142*120*65mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 1.91kg
- ◇ **RoHS Compliant**
- ◇ **7/16 connector can be offered too**

Outline Drawing (mm)

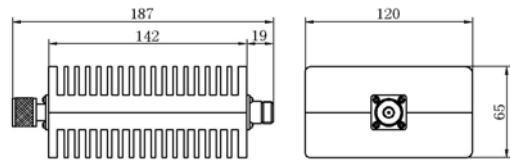
Coaxial Attenuators

Part Number: CA150-XX-N1-6

Electrical Specifications

- ✧ **Nominal Impedance:** 50 Ω
- ✧ **Power Rating:** 150W
- ✧ **Frequency:** DC-6GHz
- ✧ **VSWR (Max.):** 1.30:1
- ✧ **Attenuation & Tol. :**
 - 1-10dB ±0.6dB
 - 11-20dB ±0.8dB
 - 21-30dB ±1.0dB
- ✧ **Connector Type:** N(Male/Female)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:** 142*120*65mm
- ✧ **Tolerance:** ±2%
- ✧ **Net Weight:** 1.91kg
- ✧ **RoHS Compliant**
- ✧ **7/16 connector can be offered too**

Outline Drawing (mm)



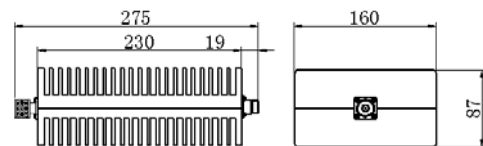
Coaxial Attenuators

Part Number: CA200-XX-N1-3

Electrical Specifications

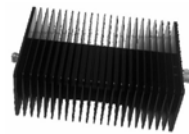
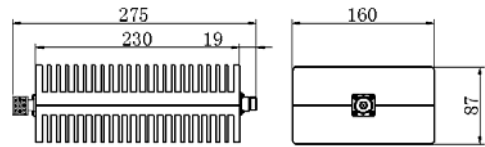
- ✧ **Nominal Impedance:** 50 Ω
- ✧ **Power Rating:** 200W
- ✧ **Frequency:** DC-3GHz
- ✧ **VSWR (Max.):** 1.20:1
- ✧ **Attenuation & Tol. :**
 - 1-10dB ±0.6dB
 - 11-20dB ±0.8dB
 - 21-30dB ±1.0dB
- ✧ **Connector Type:** N(Male/Female)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:** 230*160*87mm
- ✧ **Tolerance:** ±2%
- ✧ **Net Weight:** 3.41kg
- ✧ **RoHS Compliant**
- ✧ **7/16 connector can be offered too**

Outline Drawing (mm)

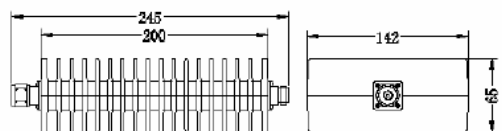


Coaxial Attenuators**Part Number: CA200-XX-N1-6****Electrical Specifications**

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 200W
- ◇ **Frequency:** DC-6GHz
- ◇ **VSWR (Max.):** 1.30:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** 230*160*87mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 3.41kg
- ◇ **RoHS Compliant**
- ◇ **7/16 connector can be offered too**

Outline Drawing (mm)**Coaxial Attenuators****Part Number: CA200-XX-N2-3****Electrical Specifications**

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 200W
- ◇ **Frequency:** DC-3GHz
- ◇ **VSWR (Max.):** 1.20:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** 200*142*65mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 2.4kg
- ◇ **RoHS Compliant**
- ◇ **7/16 connector can be offered too**

Outline Drawing (mm)

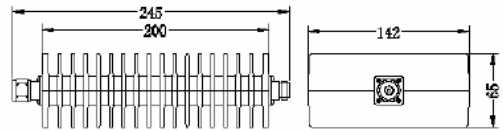
Coaxial Attenuators

Part Number: CA200-XX-N2-6

Electrical Specifications

- ✧ **Nominal Impedance:** 50 Ω
- ✧ **Power Rating:** 200W
- ✧ **Frequency:** DC-6GHz
- ✧ **VSWR (Max.):** 1.30:1
- ✧ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ✧ **Connector Type:** N(Male/Female)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:** 200*142*65mm
- ✧ **Tolerance:** $\pm 2\%$
- ✧ **Net Weight:** 2.4kg
- ✧ **RoHS Compliant**
- ✧ **7/16 connector can be offered too**

Outline Drawing (mm)



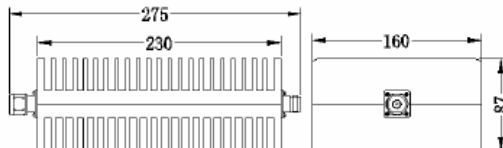
Coaxial Attenuators

Part Number: CA250-XX-N1-3

Electrical Specifications

- ✧ **Nominal Impedance:** 50 Ω
- ✧ **Power Rating:** 250W
- ✧ **Frequency:** DC-3GHz
- ✧ **VSWR (Max.):** 1.20:1
- ✧ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ✧ **Connector Type:** N(Male/Female)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:** 230*160*87mm
- ✧ **Tolerance:** $\pm 2\%$
- ✧ **Net Weight:** 3.4kg
- ✧ **RoHS Compliant**
- ✧ **7/16 connector can be offered too**

Outline Drawing (mm)



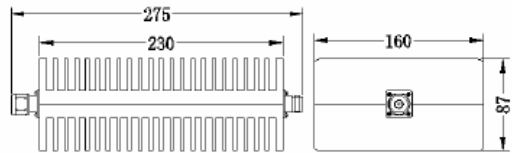
Coaxial Attenuators

Part Number: CA250-XX-N1-6

Electrical Specifications

- ✧ **Nominal Impedance:** 50 Ω
- ✧ **Power Rating:** 250W
- ✧ **Frequency:** DC-6GHz
- ✧ **VSWR (Max.):** 1.30:1
- ✧ **Attenuation & Tol. :** 1-10dB ±0.6dB
11-20dB ±0.8dB
21-30dB ±1.0dB
- ✧ **Connector Type:** N(Male/Female)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:** 230*160*87mm
- ✧ **Tolerance:** ±2%
- ✧ **Net Weight:** 3.4kg
- ✧ **RoHS Compliant**
- ✧ **7/16 connector can be offered too**

Outline Drawing (mm)



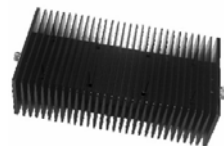
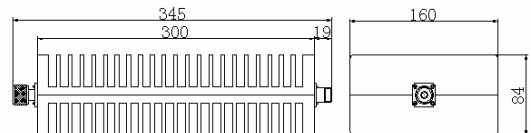
Coaxial Attenuators

Part Number: CA300-XX-N1-3

Electrical Specifications

- ✧ **Nominal Impedance:** 50 Ω
- ✧ **Power Rating:** 300W
- ✧ **Frequency:** DC-3GHz
- ✧ **VSWR (Max.):** 1.20:1
- ✧ **Attenuation & Tol. :** 1-10dB ±0.6dB
11-20dB ±0.8dB
21-30dB ±1.0dB
- ✧ **Connector Type:** N(Male/Female)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:** 300*160*84mm
- ✧ **Tolerance:** ±2%
- ✧ **Net Weight:** 5.8kg
- ✧ **RoHS Compliant**
- ✧ **7/16 connector can be offered too**

Outline Drawing (mm)



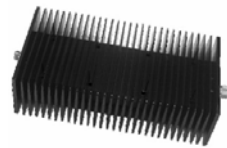
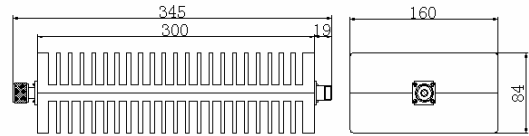
Coaxial Attenuators

Part Number: CA300-XX-N1-6

Electrical Specifications

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 300W
- ◇ **Frequency:** DC-6GHz
- ◇ **VSWR (Max.):** 1.30:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.9 dB
 - 11-20dB ± 0.9 dB
 - 21-30dB ± 1.1 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** 300*160*84mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 5.8kg
- ◇ **RoHS Compliant**
- ◇ **7/16 connector can be offered too**

Outline Drawing (mm)



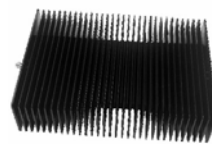
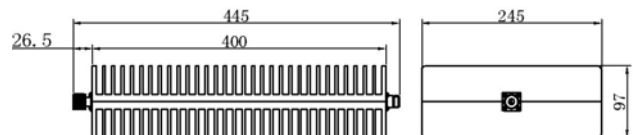
Coaxial Attenuators

Part Number: CA500-XX-N1-3

Electrical Specifications

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 500W
- ◇ **Frequency:** DC-3GHz
- ◇ **VSWR (Max.):** 1.30:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 1.1 dB
 - 11-20dB ± 1.2 dB
 - 21-30dB ± 1.3 dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** 400*245*97mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 10kg
- ◇ **RoHS Compliant**
- ◇ **7/16 connector can be offered too**

Outline Drawing (mm)



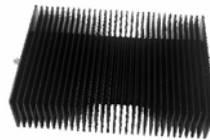
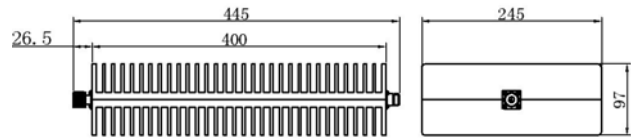
Coaxial Attenuators

Part Number: CA500-XX-N1-6

Electrical Specifications

- ✧ **Nominal Impedance:** 50 Ω
- ✧ **Power Rating:** 500W
- ✧ **Frequency:** DC-6GHz
- ✧ **VSWR (Max.):** 1.40:1
- ✧ **Attenuation & Tol. :** 1-10dB \pm 1.3dB
11-20dB \pm 1.4dB
21-30dB \pm 1.5dB
- ✧ **Connector Type:** N(Male/Female)
- ✧ **Operating Temperature:** -55 $^{\circ}$ C to +85 $^{\circ}$ C
- ✧ **Dimension:** 400*245*97mm
- ✧ **Tolerance:** \pm 2%
- ✧ **Net Weight:** 10kg
- ✧ **RoHS Compliant**
- ✧ **7/16 connector can be offered too**

Outline Drawing (mm)



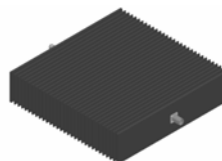
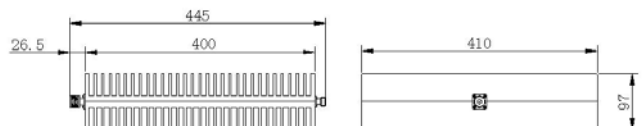
Coaxial Attenuators

Part Number: CA1000-XX-N1-3

Electrical Specifications

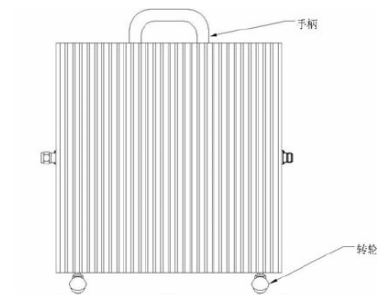
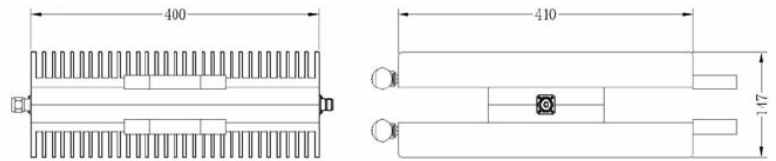
- ✧ **Nominal Impedance:** 50 Ω
- ✧ **Power Rating:** 1000W
- ✧ **Frequency:** DC-3GHz
- ✧ **VSWR (Max.):** 1.40:1
- ✧ **Attenuation & Tol. :** 30-40dB \pm 1.5dB
50-60dB \pm 2.0dB
- ✧ **Connector Type:** N(Male/Female)
- ✧ **Operating Temperature:** -55 $^{\circ}$ C to +85 $^{\circ}$ C
- ✧ **Dimension:** 400*410*97mm
- ✧ **Tolerance:** \pm 2%
- ✧ **Net Weight:** 17.1kg
- ✧ **RoHS Compliant**
- ✧ **7/16 connector can be offered too**

Outline Drawing (mm)



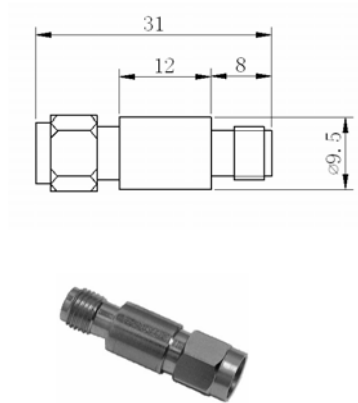
Coaxial Attenuators**Part Number: CA1000-XX-N2-3****Electrical Specifications**

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 1000W
- ◇ **Frequency:** DC-3GHz
- ◇ **VSWR (Max.):** 1.20:1
- ◇ **Attenuation & Tol. :**
 - 30dB \pm 1.6dB
 - 40dB \pm 1.6dB
 - 50dB \pm 2.2dB
 - 60dB \pm 2.2dB
- ◇ **Connector Type:** N(Male/Female)
- ◇ **Operating Temperature:** -55 $^{\circ}$ C to +85 $^{\circ}$ C
- ◇ **Dimension:** 400*410*147mm
- ◇ **Tolerance:** \pm 2%
- ◇ **Net Weight:** 18kg
- ◇ **RoHS Compliant**
- ◇ **7/16 connector can be offered too**

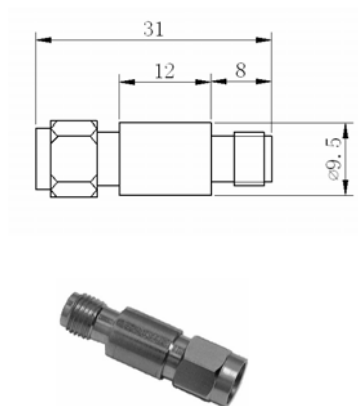
Outline Drawing (mm)

Coaxial Attenuators**Part Number: CA2-XX-S1-3****Electrical Specifications**

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 2W
- ◇ **Frequency:** DC-3GHz
- ◇ **VSWR (Max.):** 1.20:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** SMA(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** $\Phi 9.5 \times 31$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 9.1g
- ◇ **RoHS Compliant**

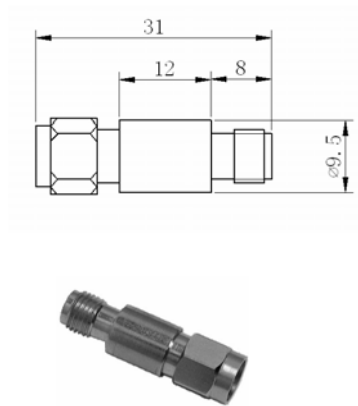
Outline Drawing (mm)**Coaxial Attenuators****Part Number: CA2-XX-S1-6****Electrical Specifications**

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 2W
- ◇ **Frequency:** DC-6GHz
- ◇ **VSWR (Max.):** 1.30:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** SMA(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** $\Phi 9.5 \times 31$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 9.1g
- ◇ **RoHS Compliant**

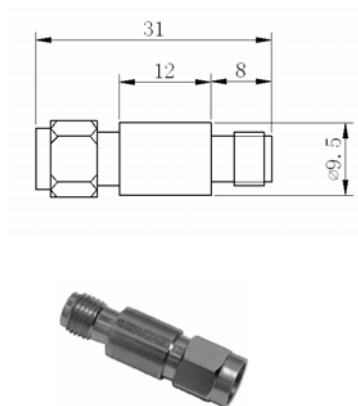
Outline Drawing (mm)

Coaxial Attenuators**Part Number: CA2-XX-S1-8****Electrical Specifications**

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 2W
- ◇ **Frequency:** DC-8GHz
- ◇ **VSWR (Max.):** 1.35:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.8 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.1 dB
- ◇ **Connector Type:** SMA(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** $\Phi 9.5 \times 31$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 9.1g
- ◇ **RoHS Compliant**

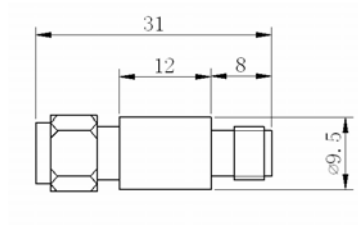
Outline Drawing (mm)**Coaxial Attenuators****Part Number: CA2-XX-S1-12.4****Electrical Specifications**

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 2W
- ◇ **Frequency:** DC-12.4GHz
- ◇ **VSWR (Max.):** 1.40:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.9 dB
 - 11-20dB ± 1.1 dB
 - 21-30dB ± 1.1 dB
- ◇ **Connector Type:** SMA(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** $\Phi 9.5 \times 31$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 9.1g
- ◇ **RoHS Compliant**

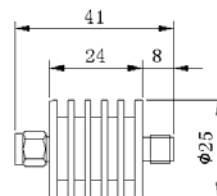
Outline Drawing (mm)

Coaxial Attenuators**Part Number: CA2-XX-S1-18****Electrical Specifications**

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 2W
- ◇ **Frequency:** DC-18GHz
- ◇ **VSWR (Max.):** 1.40:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.9 dB
 - 11-20dB ± 1.1 dB
 - 21-30dB ± 1.1 dB
- ◇ **Connector Type:** SMA(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** $\Phi 9.5 \times 31$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 9.1g
- ◇ **RoHS Compliant**

Outline Drawing (mm)**Coaxial Attenuators****Part Number: CA5-XX-S1-3****Electrical Specifications**

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 5W
- ◇ **Frequency:** DC-3GHz
- ◇ **VSWR (Max.):** 1.20:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** SMA(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** $\Phi 25 \times 41$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 32g
- ◇ **RoHS Compliant**

Outline Drawing (mm)

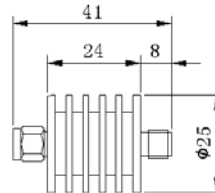
Coaxial Attenuators

Part Number: CA5-XX-S1-6

Electrical Specifications

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 5W
- ◇ **Frequency:** DC-6GHz
- ◇ **VSWR (Max.):** 1.30:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** SMA(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** $\Phi 25 \times 41$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 32g
- ◇ **RoHS Compliant**

Outline Drawing (mm)



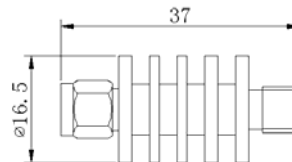
Coaxial Attenuators

Part Number: CA5-XX-S2-3

Electrical Specifications

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 5W
- ◇ **Frequency:** DC-3GHz
- ◇ **VSWR (Max.):** 1.20:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** SMA(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** $\Phi 16.5 \times 37$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 10g
- ◇ **RoHS Compliant**

Outline Drawing (mm)



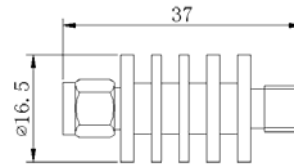
Coaxial Attenuators

Part Number: CA5-XX-S2-6

Electrical Specifications

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 5W
- ◇ **Frequency:** DC-6GHz
- ◇ **VSWR (Max.):** 1.30:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** SMA(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** $\Phi 16.5 \times 37$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 10g
- ◇ **RoHS Compliant**

Outline Drawing (mm)



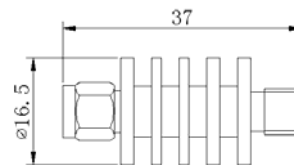
Coaxial Attenuators

Part Number: CA5-XX-S2-8

Electrical Specifications

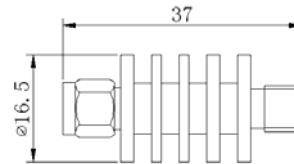
- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 5W
- ◇ **Frequency:** DC-8GHz
- ◇ **VSWR (Max.):** 1.30:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** SMA(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** $\Phi 16.5 \times 37$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 10g
- ◇ **RoHS Compliant**

Outline Drawing (mm)

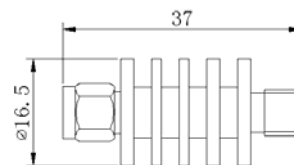


Coaxial Attenuators**Part Number: CA5-XX-S2-12.4****Electrical Specifications**

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 5W
- ◇ **Frequency:** DC-12.4GHz
- ◇ **VSWR (Max.):** 1.40:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.8 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** SMA(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** $\Phi 16.5 \times 37$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 10g
- ◇ **RoHS Compliant**

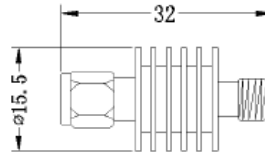
Outline Drawing (mm)**Coaxial Attenuators****Part Number: CA5-XX-S2-18****Electrical Specifications**

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 5W
- ◇ **Frequency:** DC-18GHz
- ◇ **VSWR (Max.):** 1.45:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.9 dB
 - 11-20dB ± 1.1 dB
 - 21-30dB ± 1.1 dB
- ◇ **Connector Type:** SMA(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** $\Phi 16.5 \times 37$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 10g
- ◇ **RoHS Compliant**

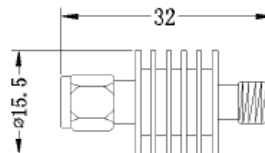
Outline Drawing (mm)

Coaxial Attenuators**Part Number: CA5-XX-S3-3****Electrical Specifications**

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 5W
- ◇ **Frequency:** DC-3GHz
- ◇ **VSWR (Max.):** 1.20:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** SMA(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** $\Phi 15.5 \times 32$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 8.8g
- ◇ **RoHS Compliant**

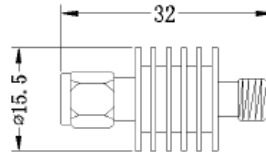
Outline Drawing (mm)**Coaxial Attenuators****Part Number: CA5-XX-S3-8****Electrical Specifications**

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 5W
- ◇ **Frequency:** DC-8GHz
- ◇ **VSWR (Max.):** 1.30:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** SMA(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** $\Phi 15.5 \times 32$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 8.8g
- ◇ **RoHS Compliant**

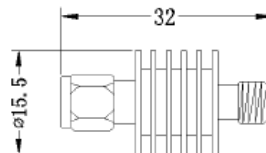
Outline Drawing (mm)

Coaxial Attenuators**Part Number: CA5-XX-S3-12.4****Electrical Specifications**

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 5W
- ◇ **Frequency:** DC-12.4GHz
- ◇ **VSWR (Max.):** 1.40:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.8 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** SMA(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** $\Phi 15.5 \times 32$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 8.8g
- ◇ **RoHS Compliant**

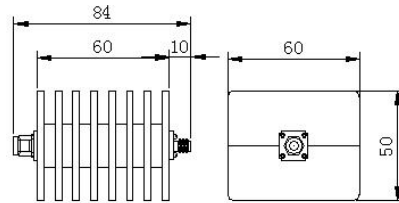
Outline Drawing (mm)**Coaxial Attenuators****Part Number: CA5-XX-S3-18****Electrical Specifications**

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 5W
- ◇ **Frequency:** DC-18GHz
- ◇ **VSWR (Max.):** 1.45:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.9 dB
 - 11-20dB ± 1.1 dB
 - 21-30dB ± 1.1 dB
- ◇ **Connector Type:** SMA(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** $\Phi 15.5 \times 32$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 8.8g
- ◇ **RoHS Compliant**

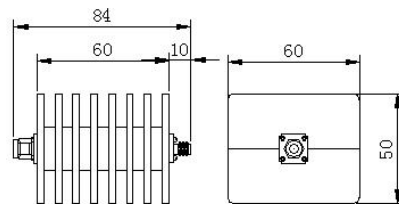
Outline Drawing (mm)

Coaxial Attenuators**Part Number: CA10-XX-S1-3****Electrical Specifications**

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 10W
- ◇ **Frequency:** DC-3GHz
- ◇ **VSWR (Max.):** 1.20:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** SMA(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** 60*60*50mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 326g
- ◇ **RoHS Compliant**

Outline Drawing (mm)**Coaxial Attenuators****Part Number: CA10-XX-S1-6****Electrical Specifications**

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 10W
- ◇ **Frequency:** DC-6GHz
- ◇ **VSWR (Max.):** 1.30:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** SMA(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** 60*60*50mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 326g
- ◇ **RoHS Compliant**

Outline Drawing (mm)

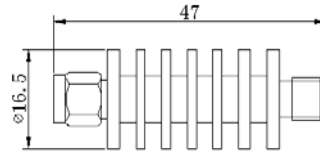
Coaxial Attenuators

Part Number: CA10-XX-S2-3

Electrical Specifications

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 10W
- ◇ **Frequency:** DC-3GHz
- ◇ **VSWR (Max.):** 1.20:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** SMA(Male/Female)
- ◇ **Operating Temperature:** -55 $^{\circ}$ C to +85 $^{\circ}$ C
- ◇ **Dimension:** $\Phi 16.5 \times 47$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 20g
- ◇ **RoHS Compliant**

Outline Drawing (mm)



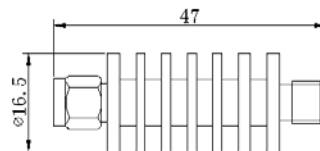
Coaxial Attenuators

Part Number: CA10-XX-S2-6

Electrical Specifications

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 10W
- ◇ **Frequency:** DC-6GHz
- ◇ **VSWR (Max.):** 1.30:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** SMA(Male/Female)
- ◇ **Operating Temperature:** -55 $^{\circ}$ C to +85 $^{\circ}$ C
- ◇ **Dimension:** $\Phi 16.5 \times 47$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 20g
- ◇ **RoHS Compliant**

Outline Drawing (mm)



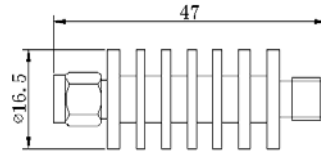
Coaxial Attenuators

Part Number: CA10-XX-S2-8

Electrical Specifications

- ✧ **Nominal Impedance:** 50 Ω
- ✧ **Power Rating:** 10W
- ✧ **Frequency:** DC-8GHz
- ✧ **VSWR (Max.):** 1.30:1
- ✧ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ✧ **Connector Type:** SMA(Male/Female)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:** $\Phi 16.5 \times 47$ mm
- ✧ **Tolerance:** $\pm 2\%$
- ✧ **Net Weight:** 20g
- ✧ **RoHS Compliant**

Outline Drawing (mm)



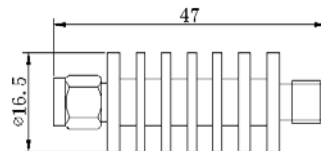
Coaxial Attenuators

Part Number: CA10-XX-S2-12.4

Electrical Specifications

- ✧ **Nominal Impedance:** 50 Ω
- ✧ **Power Rating:** 10W
- ✧ **Frequency:** DC-12.4GHz
- ✧ **VSWR (Max.):** 1.35:1
- ✧ **Attenuation & Tol. :**
 - 1-10dB ± 0.8 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ✧ **Connector Type:** SMA(Male/Female)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:** $\Phi 16.5 \times 47$ mm
- ✧ **Tolerance:** $\pm 2\%$
- ✧ **Net Weight:** 20g
- ✧ **RoHS Compliant**

Outline Drawing (mm)



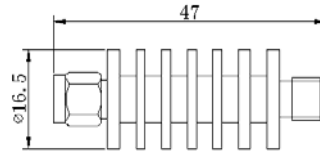
Coaxial Attenuators

Part Number: CA10-XX-S2-18

Electrical Specifications

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 10W
- ◇ **Frequency:** DC-18GHz
- ◇ **VSWR (Max.):** 1.45:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.9 dB
 - 11-20dB ± 1.1 dB
 - 21-30dB ± 1.1 dB
- ◇ **Connector Type:** SMA(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** $\Phi 16.5 \times 47$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 20g
- ◇ **RoHS Compliant**

Outline Drawing (mm)



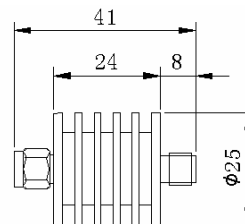
Coaxial Attenuators

Part Number: CA10-XX-S3-3

Electrical Specifications

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 10W
- ◇ **Frequency:** DC-3GHz
- ◇ **VSWR (Max.):** 1.20:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** SMA(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** $\Phi 25 \times 41$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 26g
- ◇ **RoHS Compliant**

Outline Drawing (mm)



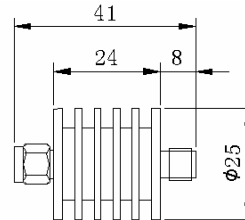
Coaxial Attenuators

Part Number: CA10-XX-S3-6

Electrical Specifications

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 10W
- ◇ **Frequency:** DC-6GHz
- ◇ **VSWR (Max.):** 1.30:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** SMA(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** $\Phi 25 \times 41$ mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 26g
- ◇ **RoHS Compliant**

Outline Drawing (mm)



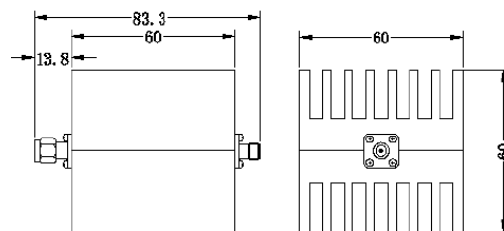
Coaxial Attenuators

Part Number: CA25-XX-S1-3

Electrical Specifications

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 25W
- ◇ **Frequency:** DC-3GHz
- ◇ **VSWR (Max.):** 1.20:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** SMA(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** 60*60*60mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 402g
- ◇ **RoHS Compliant**

Outline Drawing (mm)



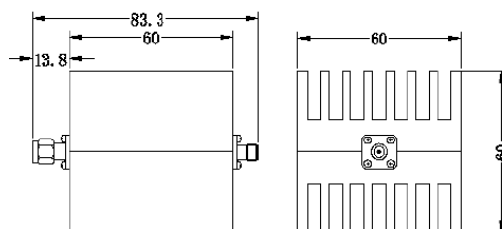
Coaxial Attenuators

Part Number: CA25-XX-S1-6

Electrical Specifications

- ✧ **Nominal Impedance:** 50 Ω
- ✧ **Power Rating:** 25W
- ✧ **Frequency:** DC-6GHz
- ✧ **VSWR (Max.):** 1.30:1
- ✧ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ✧ **Connector Type:** SMA(Male/Female)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:** 60*60*60mm
- ✧ **Tolerance:** $\pm 2\%$
- ✧ **Net Weight:** 402g
- ✧ **RoHS Compliant**

Outline Drawing (mm)



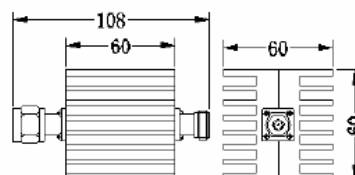
Coaxial Attenuators

Part Number: CA30-XX-S1-3

Electrical Specifications

- ✧ **Nominal Impedance:** 50 Ω
- ✧ **Power Rating:** 30W
- ✧ **Frequency:** DC-3GHz
- ✧ **VSWR (Max.):** 1.20:1
- ✧ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ✧ **Connector Type:** SMA(Male/Female)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:** 60*60*60mm
- ✧ **Tolerance:** $\pm 2\%$
- ✧ **Net Weight:** 402g
- ✧ **RoHS Compliant**

Outline Drawing (mm)



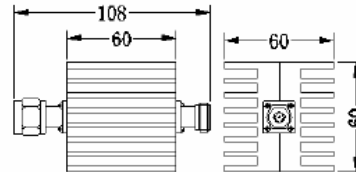
Coaxial Attenuators

Part Number: CA30-XX-S1-6

Electrical Specifications

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 30W
- ◇ **Frequency:** DC-6GHz
- ◇ **VSWR (Max.):** 1.30:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** SMA(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** 60*60*60mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 402g
- ◇ **RoHS Compliant**

Outline Drawing (mm)



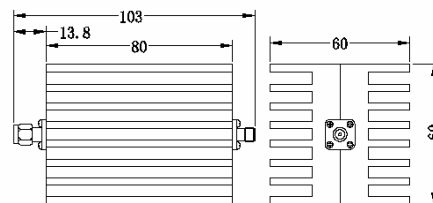
Coaxial Attenuators

Part Number: CA50-XX-S1-3

Electrical Specifications

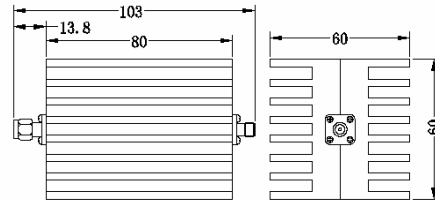
- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Power Rating:** 50W
- ◇ **Frequency:** DC-3GHz
- ◇ **VSWR (Max.):** 1.20:1
- ◇ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ◇ **Connector Type:** SMA(Male/Female)
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Dimension:** 80*60*60mm
- ◇ **Tolerance:** $\pm 2\%$
- ◇ **Net Weight:** 430g
- ◇ **RoHS Compliant**

Outline Drawing (mm)



Coaxial Attenuators**Part Number: CA50-XX-S1-6****Electrical Specifications**

- ✧ **Nominal Impedance:** 50 Ω
- ✧ **Power Rating:** 50W
- ✧ **Frequency:** DC-6GHz
- ✧ **VSWR (Max.):** 1.30:1
- ✧ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ✧ **Connector Type:** SMA(Male/Female)
- ✧ **Operating Temperature:** -55 $^{\circ}$ C to +85 $^{\circ}$ C
- ✧ **Dimension:** 80*60*60mm
- ✧ **Tolerance:** $\pm 2\%$
- ✧ **Net Weight:** 430g
- ✧ **RoHS Compliant**

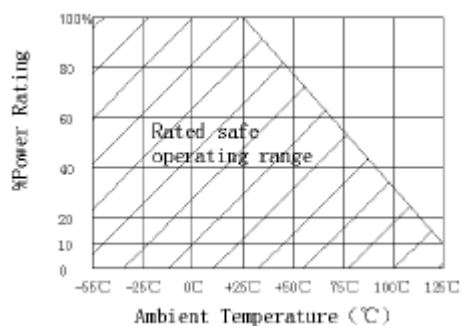
Outline Drawing (mm)

BNC-Type Coaxial Attenuators

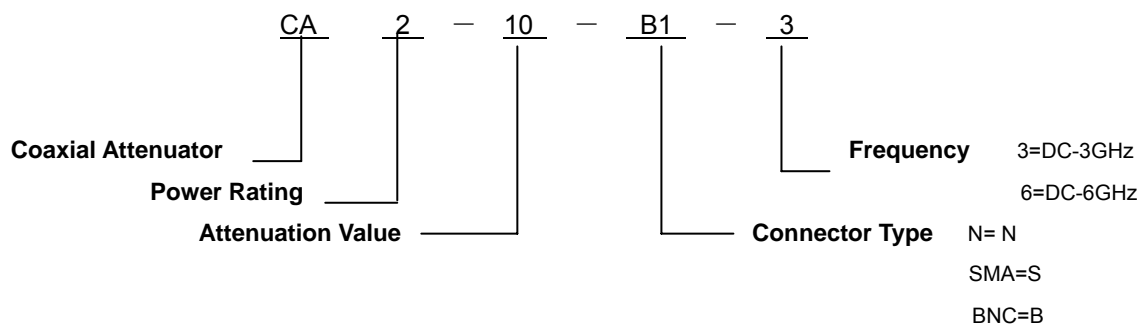
Main Specifications

- ✧ **Nominal Impedance:** 50 Ω
- ✧ **Standard Tolerance:** ±5%
- ✧ **Power Rating:** 2W
- ✧ **Frequency Range:** DC-6GHz
- ✧ **Attenuation:** 1-30dB
- ✧ **Attenuation Tolerance:**
 - 1-10dB ±0.6dB
 - 11-20dB ±0.8dB
 - 21- 30dB ±1.0dB
- ✧ **Operating Temperature:** -55℃ to +85℃
- ✧ **Connector Type:** BNC (Male/Female)
- ✧ **Mechanical Tolerance:** ±2%
- ✧ **Packaging:** Box
- ✧ **Custom Design Available Upon Request**
- ✧ **RoHS Compliant**

Power Derating



HOW TO ORDER



Coaxial Attenuators**Part Number: CA2-XX-B1-3****Electrical Specifications**

- ✧ **Nominal Impedance:** 50 Ω
- ✧ **Power Rating:** 2W
- ✧ **Frequency:** DC-3GHz
- ✧ **VSWR (Max.):** 1.20:1
- ✧ **Attenuation & Tol. :**
 - 1-10dB ± 0.6 dB
 - 11-20dB ± 0.8 dB
 - 21-30dB ± 1.0 dB
- ✧ **Connector Type:** BNC(Male/Female)
- ✧ **Operating Temperature:** -55 $^{\circ}$ C to +85 $^{\circ}$ C
- ✧ **Dimension:** $\Phi 15 \times 50$ mm
- ✧ **Tolerance:** $\pm 2\%$
- ✧ **Net Weight:** 29g
- ✧ **RoHS Compliant**

Outline Drawing (mm)