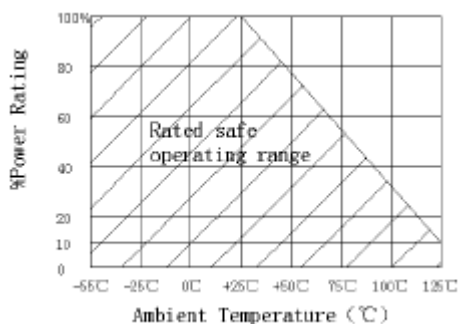


## N-Type Coaxial Terminations

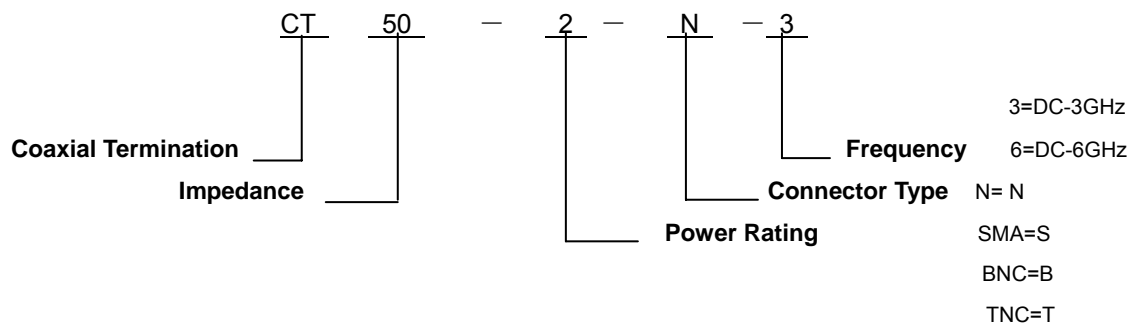
### Main Specifications

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Standard Tolerance:** ±5%
- ◇ **Power Rating:** 2W-1000W
- ◇ **Frequency Range :** DC-26.5GHz
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Connector Type:** N-Male
- ◇ **Mechanical Tolerance:** ±2%
- ◇ **Custom Design Available Upon Request**
- ◇ **RoHS Compliant**

### Power Derating

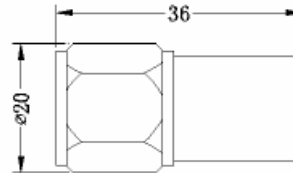


### HOW TO ORDER

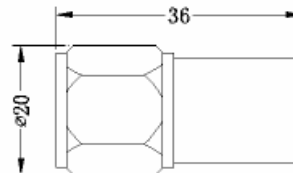


**Coaxial Terminations****Part Number: CT50-2-N1-3****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 2W
- ✧ **Frequency:** DC-3GHz
- ✧ **VSWR (Max.):** 1.20:1
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Connector Type:** N(Male)
- ✧ **Dimension:**  $\Phi 20 \times 36$ mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 42g
- ✧ **RoHS Compliant**

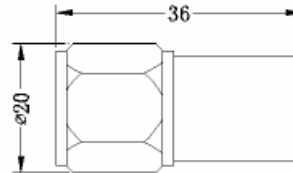
**Outline Drawing (mm)****Coaxial Terminations****Part Number: CT50-2-N1-6****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 2W
- ✧ **Frequency:** DC-6GHz
- ✧ **VSWR (Max.):** 1.30:1
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Connector Type:** N(Male)
- ✧ **Dimension:**  $\Phi 20 \times 36$ mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 42g
- ✧ **RoHS Compliant**

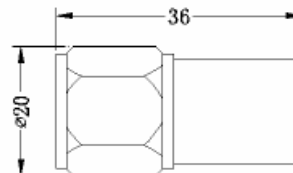
**Outline Drawing (mm)**

**Coaxial Terminations****Part Number: CT50-2-N1-12.4****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 2W
- ✧ **Frequency:** DC-12.4GHz
- ✧ **VSWR (Max.):** 1.40:1
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Connector Type:** N(Male)
- ✧ **Dimension:**  $\Phi 20 \times 36$ mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 42g
- ✧ **RoHS Compliant**

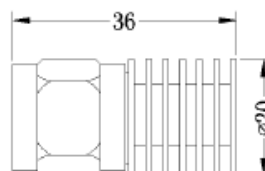
**Outline Drawing (mm)****Coaxial Terminations****Part Number: CT50-2-N1-18****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 2W
- ✧ **Frequency:** DC-18GHz
- ✧ **VSWR (Max.):** 1.40:1
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Connector Type:** N(Male)
- ✧ **Dimension:**  $\Phi 20 \times 36$ mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 42g
- ✧ **RoHS Compliant**

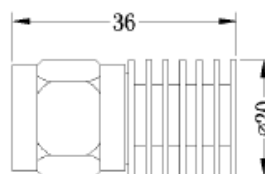
**Outline Drawing (mm)**

**Coaxial Terminations****Part Number: CT50-5-N1-3****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 5W
- ✧ **Frequency:** DC-3GHz
- ✧ **VSWR (Max.):** 1.20:1
- ✧ **Connector Type:** N(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi 20 \times 36$ mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 33g
- ✧ **RoHS Compliant**

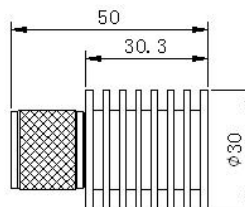
**Outline Drawing (mm)****Coaxial Terminations****Part Number: CT50-5-N1-6****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 5W
- ✧ **Frequency:** DC-6GHz
- ✧ **VSWR (Max.):** 1.30:1
- ✧ **Connector Type:** N(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi 20 \times 36$ mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 33g
- ✧ **RoHS Compliant**

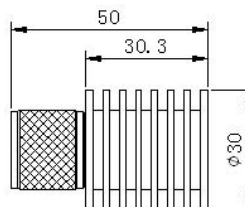
**Outline Drawing (mm)**

**Coaxial Terminations****Part Number: CT50-5-N2-3****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 5W
- ✧ **Frequency:** DC-3GHz
- ✧ **VSWR (Max.):** 1.20:1
- ✧ **Connector Type:** N(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi 30 \times 50$ mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 62g
- ✧ **RoHS Compliant**

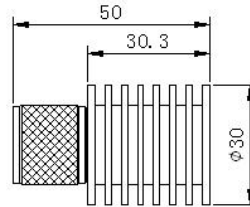
**Outline Drawing (mm)****Coaxial Terminations****Part Number: CT50-5-N2-6****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 5W
- ✧ **Frequency:** DC-6GHz
- ✧ **VSWR (Max.):** 1.30:1
- ✧ **Connector Type:** N(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi 30 \times 50$ mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 62g
- ✧ **RoHS Compliant**

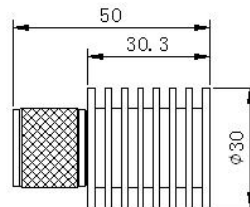
**Outline Drawing (mm)**

**Coaxial Terminations****Part Number: CT50-5-N2-12.4****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 5W
- ✧ **Frequency:** DC-12.4GHz
- ✧ **VSWR (Max.):** 1.40:1
- ✧ **Connector Type:** N(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi 30 \times 50$ mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 62g
- ✧ **RoHS Compliant**

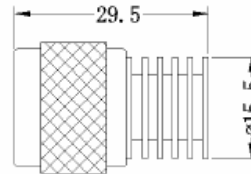
**Outline Drawing (mm)****Coaxial Terminations****Part Number: CT50-5-N2-18****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 5W
- ✧ **Frequency:** DC-18GHz
- ✧ **VSWR (Max.):** 1.50:1
- ✧ **Connector Type:** N(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi 30 \times 50$ mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 62g
- ✧ **RoHS Compliant**

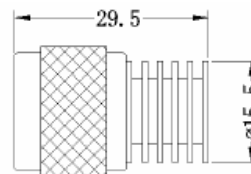
**Outline Drawing (mm)**

**Coaxial Terminations****Part Number: CT50-5-N3-3****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 5W
- ✧ **Frequency:** DC-3GHz
- ✧ **VSWR (Max.):** 1.20:1
- ✧ **Connector Type:** N(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi$  15.5\*29.5mm
- ✧ **Tolerance:**  $\pm$ 2%
- ✧ **Net Weight:** 30g
- ✧ **RoHS Compliant**

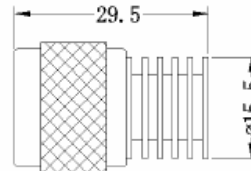
**Outline Drawing (mm)****Coaxial Terminations****Part Number: CT50-5-N3-6****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 5W
- ✧ **Frequency:** DC-6GHz
- ✧ **VSWR (Max.):** 1.30:1
- ✧ **Connector Type:** N(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi$  15.5\*29.5mm
- ✧ **Tolerance:**  $\pm$ 2%
- ✧ **Net Weight:** 30g
- ✧ **RoHS Compliant**

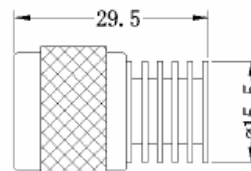
**Outline Drawing (mm)**

**Coaxial Terminations****Part Number: CT50-5-N3-12.4****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 5W
- ✧ **Frequency:** DC-12.4GHz
- ✧ **VSWR (Max.):** 1.30:1
- ✧ **Connector Type:** N(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi$  15.5\*29.5mm
- ✧ **Tolerance:**  $\pm$ 2%
- ✧ **Net Weight:** 30g
- ✧ **RoHS Compliant**

**Outline Drawing (mm)****Coaxial Terminations****Part Number: CT50-5-N3-18****Electrical Specifications**

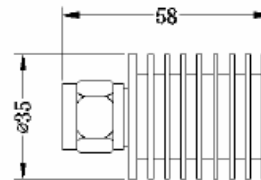
- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 5W
- ✧ **Frequency:** DC-18GHz
- ✧ **VSWR (Max.):** 1.40:1
- ✧ **Connector Type:** N(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi$  15.5\*29.5mm
- ✧ **Tolerance:**  $\pm$ 2%
- ✧ **Net Weight:** 30g
- ✧ **RoHS Compliant**

**Outline Drawing (mm)**

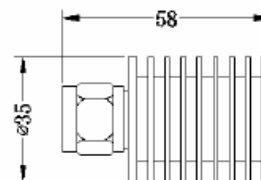


**Coaxial Terminations****Part Number: CT50-10-N1-3****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 10W
- ✧ **Frequency:** DC-3GHz
- ✧ **VSWR (Max.):** 1.20:1
- ✧ **Connector Type:** N(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi$ 35\*58mm
- ✧ **Tolerance:**  $\pm$ 2%
- ✧ **Net Weight:** 89g
- ✧ **RoHS Compliant**

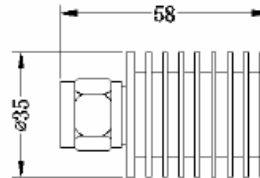
**Outline Drawing (mm)****Coaxial Terminations****Part Number: CT50-10-N1-6****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 10W
- ✧ **Frequency:** DC-6GHz
- ✧ **VSWR (Max.):** 1.30:1
- ✧ **Connector Type:** N(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi$ 35\*58mm
- ✧ **Tolerance:**  $\pm$ 2%
- ✧ **Net Weight:** 89g
- ✧ **RoHS Compliant**

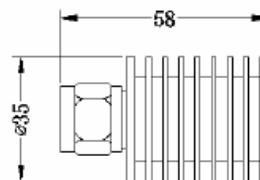
**Outline Drawing (mm)**

**Coaxial Terminations****Part Number: CT50-10-N1-12.4****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 10W
- ✧ **Frequency:** DC-12.4GHz
- ✧ **VSWR (Max.):** 1.40:1
- ✧ **Connector Type:** N(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi$ 35\*58mm
- ✧ **Tolerance:**  $\pm$ 2%
- ✧ **Net Weight:** 89g
- ✧ **RoHS Compliant**

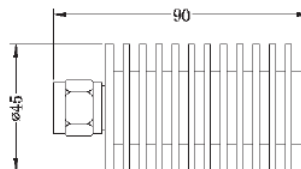
**Outline Drawing (mm)****Coaxial Terminations****Part Number: CT50-10-N1-18****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 10W
- ✧ **Frequency:** DC-18GHz
- ✧ **VSWR (Max.):** 1.50:1
- ✧ **Connector Type:** N(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi$ 35\*58mm
- ✧ **Tolerance:**  $\pm$ 2%
- ✧ **Net Weight:** 89g
- ✧ **RoHS Compliant**

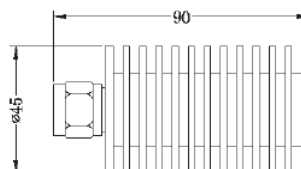
**Outline Drawing (mm)**

**Coaxial Terminations****Part Number: CT50-25-N1-3****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 25W
- ✧ **Frequency:** DC-3GHz
- ✧ **VSWR (Max.):** 1.20:1
- ✧ **Connector Type:** N(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi$ 45\*90mm
- ✧ **Tolerance:**  $\pm$ 2%
- ✧ **Net Weight:** 196g
- ✧ **RoHS Compliant**
- ✧ **7/16 connector can be offered too**

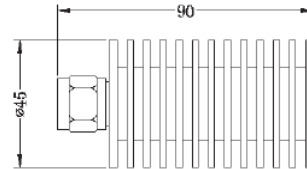
**Outline Drawing (mm)****Coaxial Terminations****Part Number: CT50-25-N1-6****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 25W
- ✧ **Frequency:** DC-6GHz
- ✧ **VSWR (Max.):** 1.30:1
- ✧ **Connector Type:** N(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi$ 45\*90mm
- ✧ **Tolerance:**  $\pm$ 2%
- ✧ **Net Weight:** 196g
- ✧ **RoHS Compliant**
- ✧ **7/16 connector can be offered too**

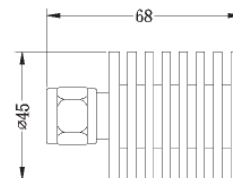
**Outline Drawing (mm)**

**Coaxial Terminations****Part Number: CT50-25-N1-8****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 25W
- ✧ **Frequency:** DC-8GHz
- ✧ **VSWR (Max.):** 1.35:1
- ✧ **Connector Type:** N(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi$ 45\*90mm
- ✧ **Tolerance:**  $\pm$ 2%
- ✧ **Net Weight:** 196g
- ✧ **RoHS Compliant**
- ✧ **7/16 connector can be offered too**

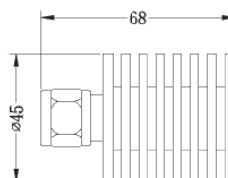
**Outline Drawing (mm)****Coaxial Terminations****Part Number: CT50-25-N2-6****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 25W
- ✧ **Frequency:** DC-6GHz
- ✧ **VSWR (Max.):** 1.20:1
- ✧ **Connector Type:** N(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi$ 45\*68mm
- ✧ **Tolerance:**  $\pm$ 2%
- ✧ **Net Weight:** 133g
- ✧ **RoHS Compliant**

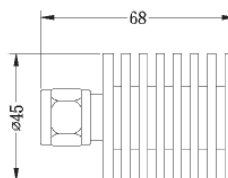
**Outline Drawing (mm)**

**Coaxial Terminations****Part Number: CT50-25-N2-12.4****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 25W
- ✧ **Frequency:** DC-12.4GHz
- ✧ **VSWR (Max.):** 1.30:1
- ✧ **Connector Type:** N(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi 45 \times 68$ mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 133g
- ✧ **RoHS Compliant**

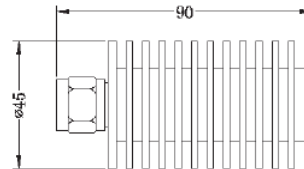
**Outline Drawing (mm)****Coaxial Terminations****Part Number: CT50-25-N2-18****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 25W
- ✧ **Frequency:** DC-18GHz
- ✧ **VSWR (Max.):** 1.40:1
- ✧ **Connector Type:** N(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi 45 \times 68$ mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 133g
- ✧ **RoHS Compliant**

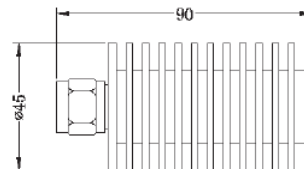
**Outline Drawing (mm)**

**Coaxial Terminations****Part Number: CT50-30-N1-3****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 30W
- ✧ **Frequency:** DC-3GHz
- ✧ **VSWR (Max.):** 1.20:1
- ✧ **Connector Type:** N(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi 45 \times 90$ mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 199g
- ✧ **RoHS Compliant**
- ✧ **7/16 connector can be offered too**

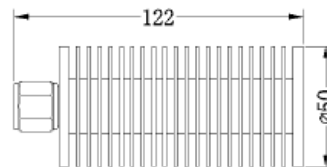
**Outline Drawing (mm)****Coaxial Terminations****Part Number: CT50-30-N1-6****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 30W
- ✧ **Frequency:** DC-6GHz
- ✧ **VSWR (Max.):** 1.30:1
- ✧ **Connector Type:** N(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi 45 \times 90$ mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 199g
- ✧ **RoHS Compliant**
- ✧ **7/16 connector can be offered too**

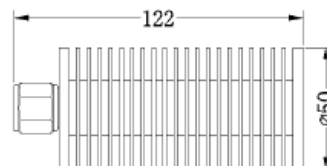
**Outline Drawing (mm)**

**Coaxial Terminations****Part Number: CT50-50-N1-3****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 50W
- ✧ **Frequency:** DC-3GHz
- ✧ **VSWR (Max.):** 1.20:1
- ✧ **Connector Type:** N(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi$  50\*122mm
- ✧ **Tolerance:**  $\pm$ 2%
- ✧ **Net Weight:** 330g
- ✧ **RoHS Compliant**

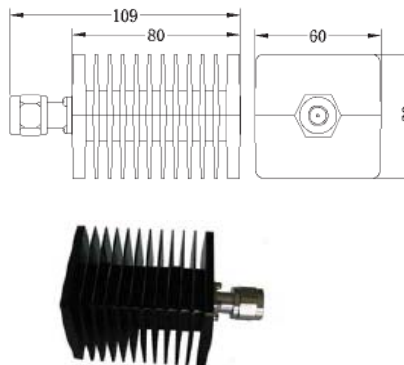
**Outline Drawing (mm)****Coaxial Terminations****Part Number: CT50-50-N1-6****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 50W
- ✧ **Frequency:** DC-6GHz
- ✧ **VSWR (Max.):** 1.30:1
- ✧ **Connector Type:** N(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi$  50\*122mm
- ✧ **Tolerance:**  $\pm$ 2%
- ✧ **Net Weight:** 330g
- ✧ **RoHS Compliant**

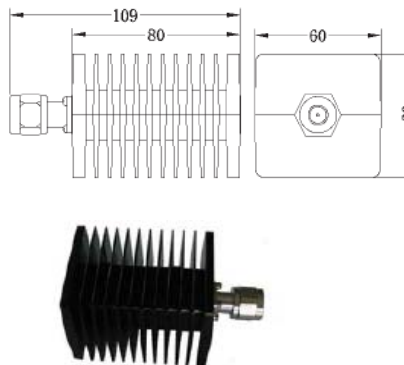
**Outline Drawing (mm)**

**Coaxial Terminations****Part Number: CT50-5-N2-3****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 50W
- ✧ **Frequency:** DC-3GHz
- ✧ **VSWR (Max.):** 1.20:1
- ✧ **Connector Type:** N(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:** 80\*60\*60mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 380g
- ✧ **RoHS Compliant**
- ✧ **7/16 connector can be offered too**

**Outline Drawing (mm)****Coaxial Terminations****Part Number: CT50-5-N2-6****Electrical Specifications**

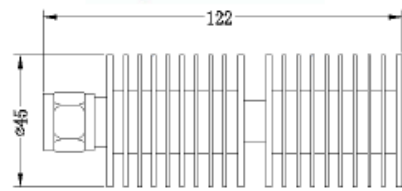
- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 50W
- ✧ **Frequency:** DC-6GHz
- ✧ **VSWR (Max.):** 1.30:1
- ✧ **Connector Type:** N(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:** 80\*60\*60mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 380g
- ✧ **RoHS Compliant**
- ✧ **7/16 connector can be offered too**

**Outline Drawing (mm)**

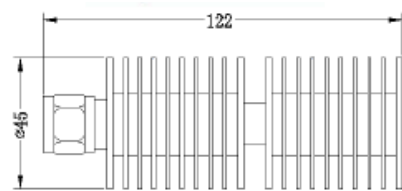


**Coaxial Terminations****Part Number: CT50-50-N3-6****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 50W
- ✧ **Frequency:** DC-6GHz
- ✧ **VSWR (Max.):** 1.30:1
- ✧ **Connector Type:** N(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi 45 \times 122$ mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 246g
- ✧ **RoHS Compliant**

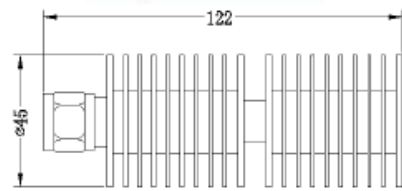
**Outline Drawing (mm)****Coaxial Terminations****Part Number: CT50-50-N3-12.4****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 50W
- ✧ **Frequency:** DC-12.4GHz
- ✧ **VSWR (Max.):** 1.40:1
- ✧ **Connector Type:** N(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi 45 \times 122$ mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 246g
- ✧ **RoHS Compliant**

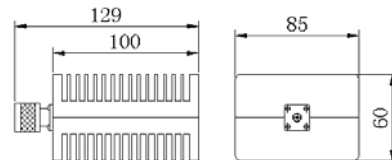
**Outline Drawing (mm)**

**Coaxial Terminations****Part Number: CT50-50-N3-18****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 50W
- ✧ **Frequency:** DC-18GHz
- ✧ **VSWR (Max.):** 1.45:1
- ✧ **Connector Type:** N(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi 45 \times 122$ mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 246g
- ✧ **RoHS Compliant**

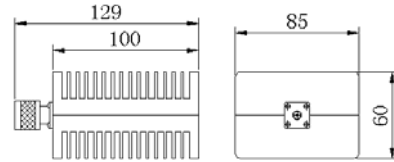
**Outline Drawing (mm)****Coaxial Terminations****Part Number: CT50-80-N1-3****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 80W
- ✧ **Frequency:** DC-3GHz
- ✧ **VSWR (Max.):** 1.20:1
- ✧ **Connector Type:** N(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:** 100\*85\*60mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 740g
- ✧ **RoHS Compliant**

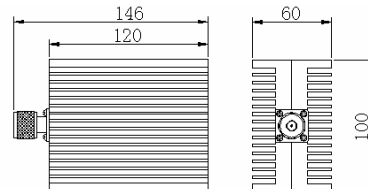
**Outline Drawing (mm)**

**Coaxial Terminations****Part Number: CT50-80-N1-6****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 80W
- ✧ **Frequency:** DC-6GHz
- ✧ **VSWR (Max.):** 1.20:1
- ✧ **Connector Type:** N(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:** 100\*85\*60mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 740g
- ✧ **RoHS Compliant**

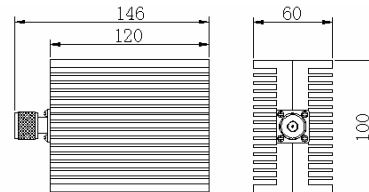
**Outline Drawing (mm)****Coaxial Terminations****Part Number: CT50-100-N1-3****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 100W
- ✧ **Frequency:** DC-3GHz
- ✧ **VSWR (Max.):** 1.20:1
- ✧ **Connector Type:** N(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:** 120\*100\*60mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 1.3kg
- ✧ **RoHS Compliant**
- ✧ **7/16 connector can be offered too**

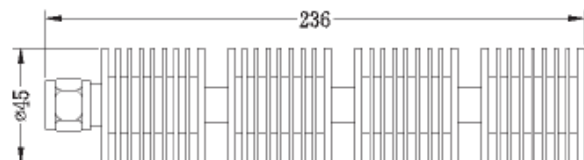
**Outline Drawing (mm)**

**Coaxial Terminations****Part Number: CT50-100-N1-6****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 100W
- ✧ **Frequency:** DC-6GHz
- ✧ **VSWR (Max.):** 1.30:1
- ✧ **Connector Type:** N(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:** 120\*100\*60mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 1.3kg
- ✧ **RoHS Compliant**
- ✧ **7/16 connector can be offered too**

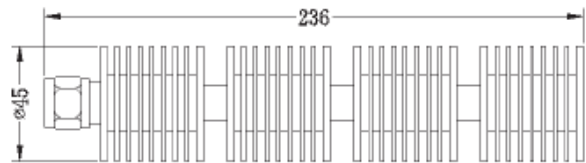
**Outline Drawing (mm)****Coaxial Terminations****Part Number: CT50-100-N2-4****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 100W
- ✧ **Frequency:** DC-4GHz
- ✧ **VSWR (Max.):** 1.25:1
- ✧ **Connector Type:** N(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi 45 \times 236$ mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 475g
- ✧ **RoHS Compliant**

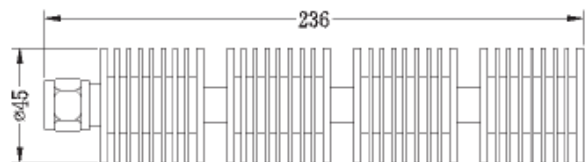
**Outline Drawing (mm)**

**Coaxial Terminations****Part Number: CT50-100-N2-6****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 100W
- ✧ **Frequency:** DC-6GHz
- ✧ **VSWR (Max.):** 1.35:1
- ✧ **Connector Type:** N(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi 45 \times 236$ mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 475g
- ✧ **RoHS Compliant**

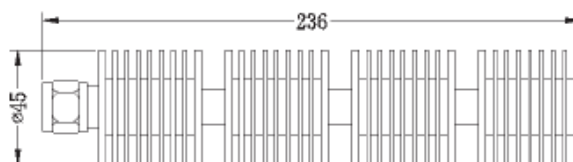
**Outline Drawing (mm)****Coaxial Terminations****Part Number: CT50-100-N2-12.4****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 100W
- ✧ **Frequency:** DC-12.4GHz
- ✧ **VSWR (Max.):** 1.40:1
- ✧ **Connector Type:** N(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi 45 \times 236$ mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 475g
- ✧ **RoHS Compliant**

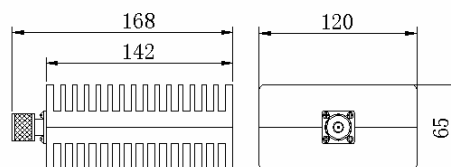
**Outline Drawing (mm)**

**Coaxial Terminations****Part Number: CT50-100-N2-18****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 100W
- ✧ **Frequency:** DC-18GHz
- ✧ **VSWR (Max.):** 1.45:1
- ✧ **Connector Type:** N(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi 45 \times 236$ mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 475g
- ✧ **RoHS Compliant**

**Outline Drawing (mm)****Coaxial Terminations****Part Number: CT50-150-N1-3****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 150W
- ✧ **Frequency:** DC-3GHz
- ✧ **VSWR (Max.):** 1.20:1
- ✧ **Connector Type:** N(Male)
- ✧ **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)**

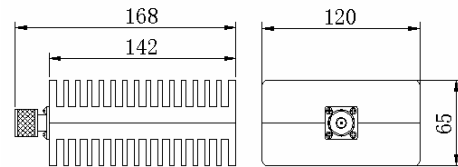
### Coaxial Terminations

Part Number: **CT50-150-N1-6**

#### Electrical Specifications

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 150W
- ✧ **Frequency:** DC-6GHz
- ✧ **VSWR (Max.):** 1.30:1
- ✧ **Connector Type:** N(Male)
- ✧ **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)

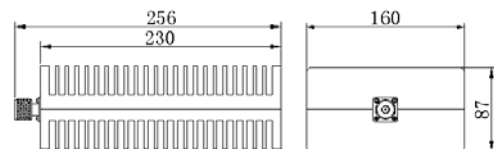


Part Number: **CT50-200-N1-3**

#### Electrical Specifications

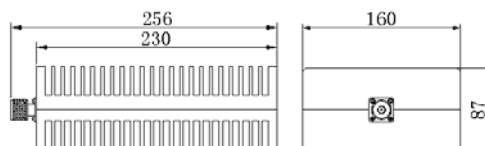
- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 200W
- ✧ **Frequency:** DC-3GHz
- ✧ **VSWR (Max.):** 1.20:1
- ✧ **Connector Type:** N(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:** 230\*160\*87mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 3.39g
- ✧ **RoHS Compliant**
- ✧ **7/16 connector can be offered too**

#### Outline Drawing (mm)

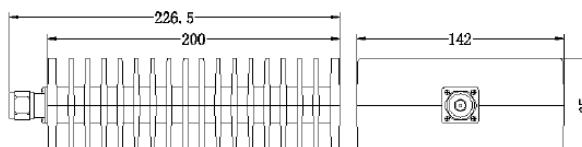


**Coaxial Terminations****Part Number: CT50-200-N1-6****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 200W
- ✧ **Frequency:** DC-6GHz
- ✧ **VSWR (Max.):** 1.30:1
- ✧ **Connector Type:** N(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:** 230\*160\*87mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 3.39g
- ✧ **RoHS Compliant**
- ✧ **7/16 connector can be offered too**

**Outline Drawing (mm)****Coaxial Terminations****Part Number: CT50-200-N2-3****Electrical Specifications**

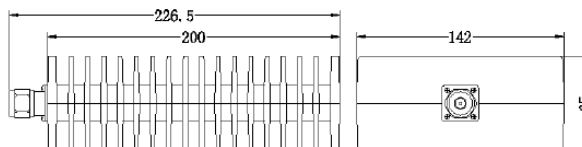
- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 200W
- ✧ **Frequency:** DC-3GHz
- ✧ **VSWR (Max.):** 1.20:1
- ✧ **Connector Type:** N(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:** 200\*142\*65mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 2.4kg
- ✧ **RoHS Compliant**
- ✧ **7/16 connector can be offered too**

**Outline Drawing (mm)**

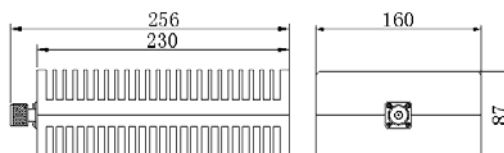


**Coaxial Terminations****Part Number: CT50-200-N2-6****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 200W
- ✧ **Frequency:** DC-6GHz
- ✧ **VSWR (Max.):** 1.30:1
- ✧ **Connector Type:** N(Male)
- ✧ **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**

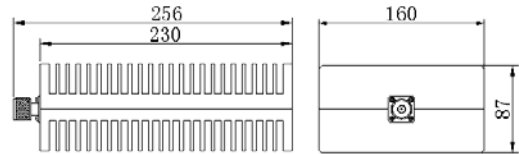
**Outline Drawing (mm)****Coaxial Terminations****Part Number: CT50-250-N1-3****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 250W
- ✧ **Frequency:** DC-3GHz
- ✧ **VSWR (Max.):** 1.20:1
- ✧ **Connector Type:** N(Male)
- ✧ **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**

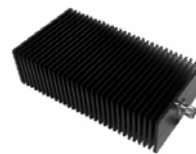
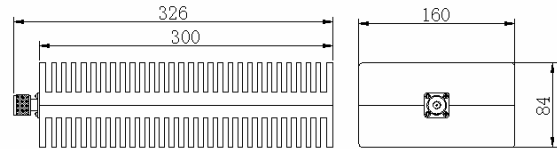
**Outline Drawing (mm)**

**Coaxial Terminations****Part Number: CT50-250-N1-6****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 250W
- ✧ **Frequency:** DC-6GHz
- ✧ **VSWR (Max.):** 1.30:1
- ✧ **Connector Type:** N(Male)
- ✧ **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**

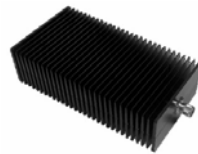
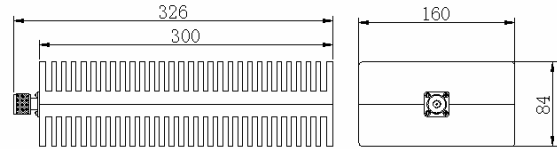
**Outline Drawing (mm)****Coaxial Terminations****Part Number: CT50-300-N1-3****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 300W
- ✧ **Frequency:** DC-3GHz
- ✧ **VSWR (Max.):** 1.20:1
- ✧ **Connector Type:** N(Male)
- ✧ **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**

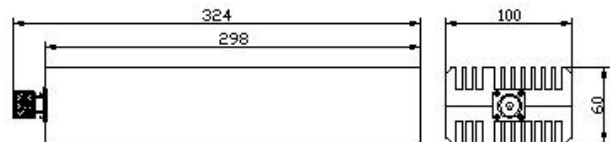
**Outline Drawing (mm)**

**Coaxial Terminations****Part Number: CT50-300-N1-6****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 300W
- ✧ **Frequency:** DC-6GHz
- ✧ **VSWR (Max.):** 1.30:1
- ✧ **Connector Type:** N(Male)
- ✧ **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**

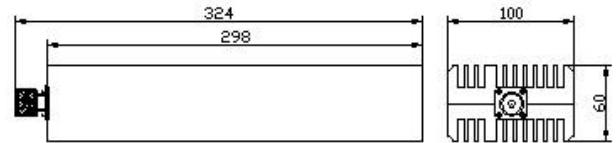
**Outline Drawing (mm)****Coaxial Terminations****Part Number: CT50-300-N2-3****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 300W
- ✧ **Frequency:** DC-3GHz
- ✧ **VSWR (Max.):** 1.20:1
- ✧ **Connector Type:** N(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:** 298\*100\*60mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 4.0kg
- ✧ **RoHS Compliant**

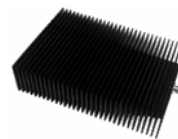
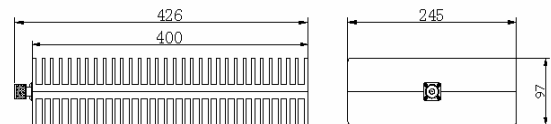
**Outline Drawing (mm)**

**Coaxial Terminations****Part Number: CT50-300-N2-6****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 300W
- ✧ **Frequency:** DC-6GHz
- ✧ **VSWR (Max.):** 1.30:1
- ✧ **Connector Type:** N(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:** 298\*100\*60mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 4.0kg
- ✧ **RoHS Compliant**

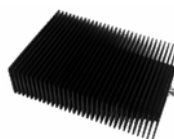
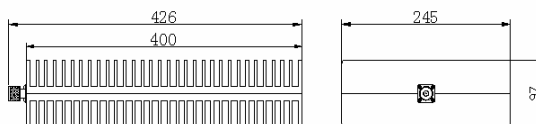
**Outline Drawing (mm)****Coaxial Terminations****Part Number: CT50-500-N1-3****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 500W
- ✧ **Frequency:** DC-3GHz
- ✧ **VSWR (Max.):** 1.25:1
- ✧ **Connector Type:** N(Male)
- ✧ **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**

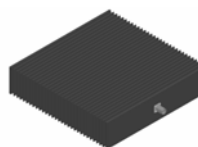
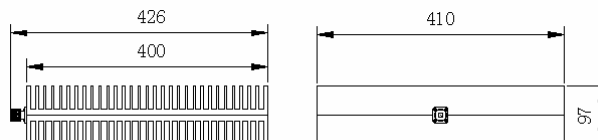
**Outline Drawing (mm)**

**Coaxial Terminations****Part Number: CT50-500-N1-6****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 500W
- ✧ **Frequency:** DC-6GHz
- ✧ **VSWR (Max.):** 1.35:1
- ✧ **Connector Type:** N(Male)
- ✧ **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**

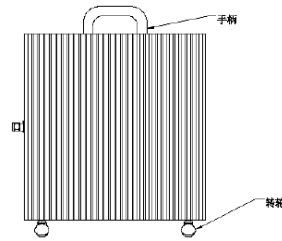
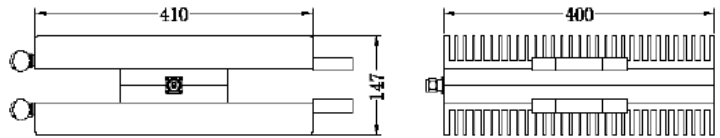
**Outline Drawing (mm)****Coaxial Terminations****Part Number: CT50-1000-N1-3****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 1000W
- ✧ **Frequency:** DC-3GHz
- ✧ **VSWR (Max.):** 1.35:1
- ✧ **Connector Type:** N(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:** 400\*410\*97mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 17kg
- ✧ **RoHS Compliant**
- ✧ **7/16 connector can be offered too**

**Outline Drawing (mm)**

**Coaxial Terminations****Part Number: CT50-1000-N2-3****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 1000W
- ✧ **Frequency:** DC-3GHz
- ✧ **VSWR (Max.):** 1.35:1
- ✧ **Connector Type:** N(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:** 400\*410\*147mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 19kg
- ✧ **RoHS Compliant**
- ✧ **7/16 connector can be offered too**

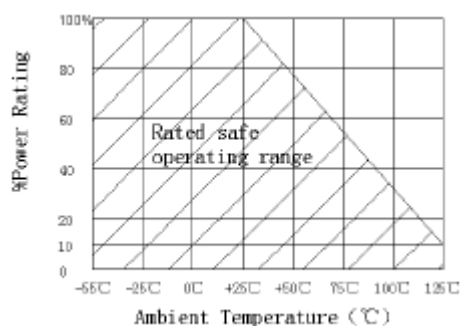
**Outline Drawing (mm)**

## SMA-Type Coaxial Terminations

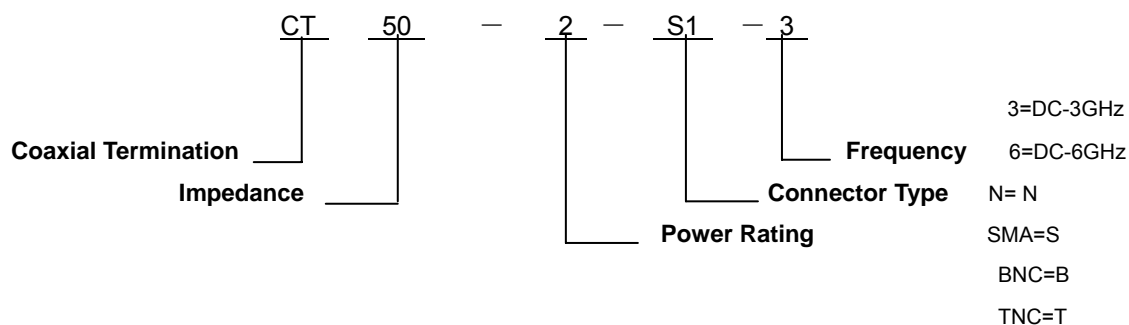
### Main Specifications

- ◇ **Nominal Impedance:** 50 Ω
- ◇ **Standard Tolerance:** ±5%
- ◇ **Power Rating:** 2W -10W
- ◇ **Frequency Range :** DC-26.5GHz
- ◇ **Operating Temperature:** -55°C to +85°C
- ◇ **Connector Type:** SMA-Male
- ◇ **Mechanical Tolerance:** ±2%
- ◇ **Custom Design Available Upon Request**
- ◇ **RoHS Compliant**

### Power Derating

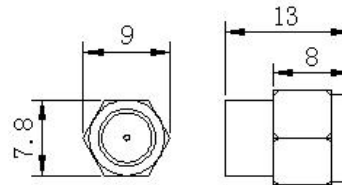


### HOW TO ORDER

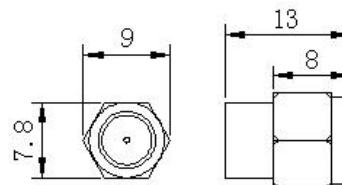


**Coaxial Terminations****Part Number: CT50-2-S1-3****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 2W
- ✧ **Frequency:** DC-3GHz
- ✧ **VSWR (Max.):** 1.20:1
- ✧ **Connector Type:** SMA(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi 9 \times 13$ mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 3g
- ✧ **RoHS Compliant**

**Outline Drawing (mm)****Coaxial Terminations****Part Number: CT50-2-S1-8****Electrical Specifications**

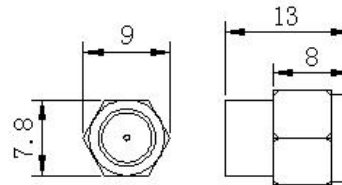
- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 2W
- ✧ **Frequency:** DC-8GHz
- ✧ **VSWR (Max.):** 1.30:1
- ✧ **Connector Type:** SMA(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi 9 \times 13$ mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 3g
- ✧ **RoHS Compliant**

**Outline Drawing (mm)**

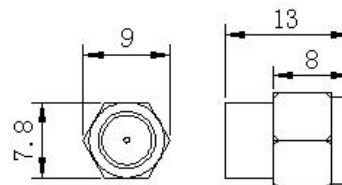


**Coaxial Terminations****Part Number: CT50-2-S1-12.4****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 2W
- ✧ **Frequency:** DC-12.4GHz
- ✧ **VSWR (Max.):** 1.35:1
- ✧ **Connector Type:** SMA(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi 9 \times 13$ mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 3g
- ✧ **RoHS Compliant**

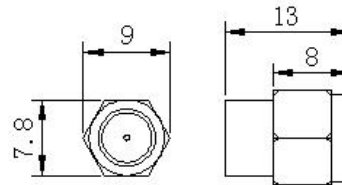
**Outline Drawing (mm)****Coaxial Terminations****Part Number: CT50-2-S1-18****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 2W
- ✧ **Frequency:** DC-18GHz
- ✧ **VSWR (Max.):** 1.40:1
- ✧ **Connector Type:** SMA(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi 9 \times 13$ mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 3g
- ✧ **RoHS Compliant**

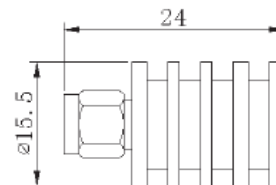
**Outline Drawing (mm)**

**Coaxial Terminations****Part Number: CT50-2-S1-26.5****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 2W
- ✧ **Frequency:** DC-26.5GHz
- ✧ **VSWR (Max.):** 1.45:1
- ✧ **Connector Type:** SMA(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi 9 \times 13$ mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 3g
- ✧ **RoHS Compliant**

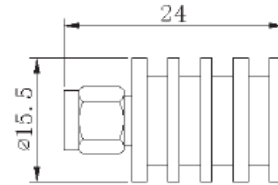
**Outline Drawing (mm)****Coaxial Terminations****Part Number: CT50-2-S2-3****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 2W
- ✧ **Frequency:** DC-3GHz
- ✧ **VSWR (Max.):** 1.20:1
- ✧ **Connector Type:** SMA(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi 15.5 \times 24$ mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 8.6g
- ✧ **RoHS Compliant**

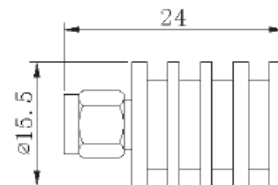
**Outline Drawing (mm)**

**Coaxial Terminations****Part Number: CT50-2-S2-8****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 2W
- ✧ **Frequency:** DC-8GHz
- ✧ **VSWR (Max.):** 1.30:1
- ✧ **Connector Type:** SMA(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi$  15.5\*24mm
- ✧ **Tolerance:**  $\pm$ 2%
- ✧ **Net Weight:** 8.6g
- ✧ **RoHS Compliant**

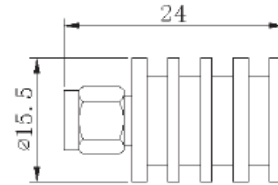
**Outline Drawing (mm)****Coaxial Terminations****Part Number: CT50-2-S2-12.4****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 2W
- ✧ **Frequency:** DC-12.4GHz
- ✧ **VSWR (Max.):** 1.35:1
- ✧ **Connector Type:** SMA(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi$  15.5\*24mm
- ✧ **Tolerance:**  $\pm$ 2%
- ✧ **Net Weight:** 8.6g
- ✧ **RoHS Compliant**

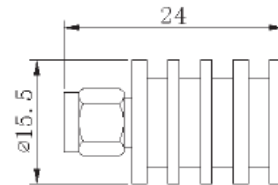
**Outline Drawing (mm)**

**Coaxial Terminations****Part Number: CT50-2-S2-18****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 2W
- ✧ **Frequency:** DC-18GHz
- ✧ **VSWR (Max.):** 1.40:1
- ✧ **Connector Type:** SMA(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi$  15.5\*24mm
- ✧ **Tolerance:**  $\pm$ 2%
- ✧ **Net Weight:** 8.6g
- ✧ **RoHS Compliant**

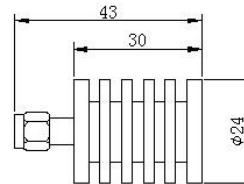
**Outline Drawing (mm)****Coaxial Terminations****Part Number: CT50-2-S2-26.5****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 2W
- ✧ **Frequency:** DC-26.5GHz
- ✧ **VSWR (Max.):** 1.45:1
- ✧ **Connector Type:** SMA(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi$  15.5\*24mm
- ✧ **Tolerance:**  $\pm$ 2%
- ✧ **Net Weight:** 8.6g
- ✧ **RoHS Compliant**

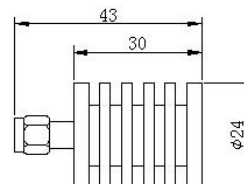
**Outline Drawing (mm)**

**Coaxial Terminations****Part Number: CT50-5-S1-3****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 5W
- ✧ **Frequency:** DC-3GHz
- ✧ **VSWR (Max.):** 1.20:1
- ✧ **Connector Type:** SMA(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi 24*43$ mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 30g
- ✧ **RoHS Compliant**

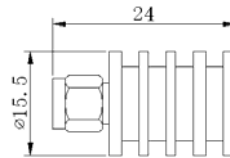
**Outline Drawing (mm)****Coaxial Terminations****Part Number: CT50-5-S1-6****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 5W
- ✧ **Frequency:** DC-6GHz
- ✧ **VSWR (Max.):** 1.30:1
- ✧ **Connector Type:** SMA(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi 24*43$ mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 30g
- ✧ **RoHS Compliant**

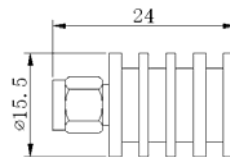
**Outline Drawing (mm)**

**Coaxial Terminations****Part Number: CT50-5-S2-6****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 5W
- ✧ **Frequency:** DC-6GHz
- ✧ **VSWR (Max.):** 1.20:1
- ✧ **Connector Type:** SMA(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi$  15.5\*24mm
- ✧ **Tolerance:**  $\pm$ 2%
- ✧ **Net Weight:** 8.8g
- ✧ **RoHS Compliant**

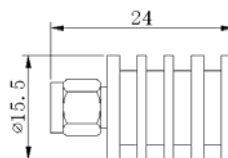
**Outline Drawing (mm)****Coaxial Terminations****Part Number: CT50-5-S2-12.4****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 5W
- ✧ **Frequency:** DC-12.4GHz
- ✧ **VSWR (Max.):** 1.30:1
- ✧ **Connector Type:** SMA(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi$  15.5\*24mm
- ✧ **Tolerance:**  $\pm$ 2%
- ✧ **Net Weight:** 8.8g
- ✧ **RoHS Compliant**

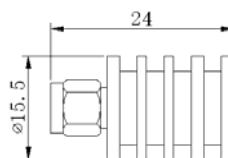
**Outline Drawing (mm)**

**Coaxial Terminations****Part Number: CT50-5-S2-18****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 5W
- ✧ **Frequency:** DC-18GHz
- ✧ **VSWR (Max.):** 1.35:1
- ✧ **Connector Type:** SMA(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi$  15.5\*24mm
- ✧ **Tolerance:**  $\pm$ 2%
- ✧ **Net Weight:** 8.8g
- ✧ **RoHS Compliant**

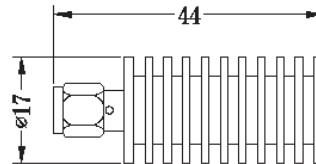
**Outline Drawing (mm)****Coaxial Terminations****Part Number: CT50-5-S2-26.5****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 5W
- ✧ **Frequency:** DC-26.5GHz
- ✧ **VSWR (Max.):** 1.40:1
- ✧ **Connector Type:** SMA(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi$  15.5\*24mm
- ✧ **Tolerance:**  $\pm$ 2%
- ✧ **Net Weight:** 8.8g
- ✧ **RoHS Compliant**

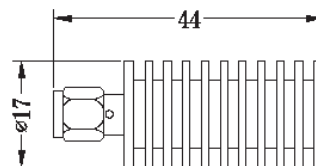
**Outline Drawing (mm)**

**Coaxial Terminations****Part Number: CT50-10-S1-6****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 10W
- ✧ **Frequency:** DC-6GHz
- ✧ **VSWR (Max.):** 1.20:1
- ✧ **Connector Type:** SMA(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi$  17\*44mm
- ✧ **Tolerance:**  $\pm$ 2%
- ✧ **Net Weight:** 16g
- ✧ **RoHS Compliant**

**Outline Drawing (mm)****Coaxial Terminations****Part Number: CT50-10-S1-12.4****Electrical Specifications**

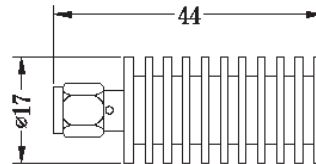
- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 10W
- ✧ **Frequency:** DC-12.4GHz
- ✧ **VSWR (Max.):** 1.30:1
- ✧ **Connector Type:** SMA(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi$  17\*44mm
- ✧ **Tolerance:**  $\pm$ 2%
- ✧ **Net Weight:** 16g
- ✧ **RoHS Compliant**

**Outline Drawing (mm)**

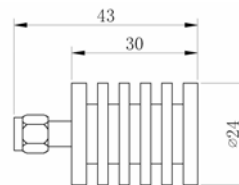


**Coaxial Terminations****Part Number: CT50-10-S1-18****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 10W
- ✧ **Frequency:** DC-18GHz
- ✧ **VSWR (Max.):** 1.40:1
- ✧ **Connector Type:** SMA(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi$  17\*44mm
- ✧ **Tolerance:**  $\pm$ 2%
- ✧ **Net Weight:** 16g
- ✧ **RoHS Compliant**

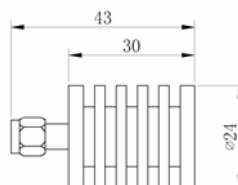
**Outline Drawing (mm)****Coaxial Terminations****Part Number: CT50-10-S2-3****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 10W
- ✧ **Frequency:** DC-3GHz
- ✧ **VSWR (Max.):** 1.20:1
- ✧ **Connector Type:** SMA(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi$  24\*43mm
- ✧ **Tolerance:**  $\pm$ 2%
- ✧ **Net Weight:** 25g
- ✧ **RoHS Compliant**

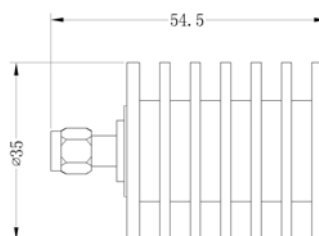
**Outline Drawing (mm)**

**Coaxial Terminations****Part Number: CT50-10-S2-6****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 10W
- ✧ **Frequency:** DC-6GHz
- ✧ **VSWR (Max.):** 1.30:1
- ✧ **Connector Type:** SMA(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi 24 \times 43$ mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 25g
- ✧ **RoHS Compliant**

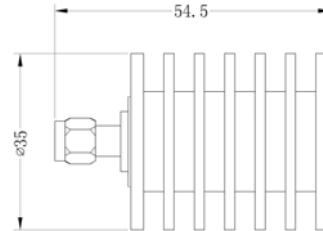
**Outline Drawing (mm)****Coaxial Terminations****Part Number: CT50-15-S1-3****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 15W
- ✧ **Frequency:** DC-3GHz
- ✧ **VSWR (Max.):** 1.20:1
- ✧ **Connector Type:** SMA(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi 35 \times 54.5$ mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 68g
- ✧ **RoHS Compliant**

**Outline Drawing (mm)**

**Coaxial Terminations****Part Number: CT50-15-S1-6****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 15W
- ✧ **Frequency:** DC-6GHz
- ✧ **VSWR (Max.):** 1.30:1
- ✧ **Connector Type:** SMA(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi 35 \times 54.5$ mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 68g
- ✧ **RoHS Compliant**

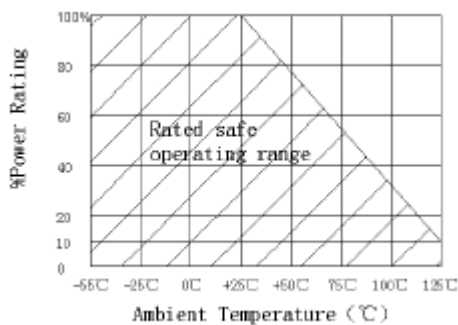
**Outline Drawing (mm)**

## TNC, BNC and L29-Type Coaxial Terminations

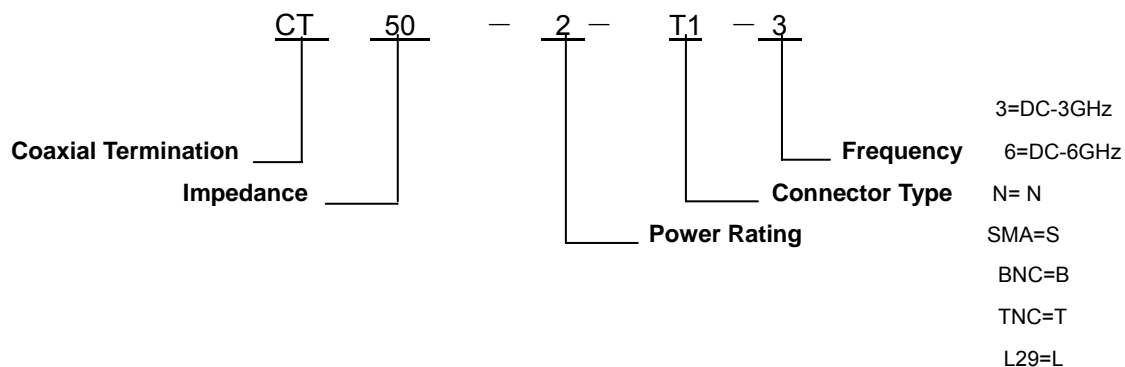
### Main Specifications

- ✧ **Nominal Impedance:** 50 Ω
- ✧ **Standard Tolerance:** ±5%
- ✧ **Power Rating:** 2W - 5W
- ✧ **Frequency Range :** DC-6.0GHz
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Connector Type:** TNC-Male, BNC-Male, L29
- ✧ **Mechanical Tolerance:** ±2%
- ✧ **Custom Design Available Upon Request**
- ✧ **RoHS Compliant**

### Power Derating

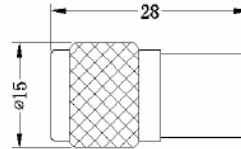


### HOW TO ORDER

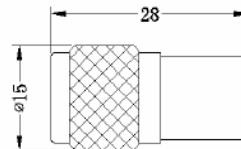


**Coaxial Terminations****Part Number: CT50-2-T1-3****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 2W
- ✧ **Frequency:** DC-3GHz
- ✧ **VSWR (Max.):** 1.20:1
- ✧ **Connector Type:** TNC(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi$  15\*28mm
- ✧ **Tolerance:**  $\pm$ 2%
- ✧ **Net Weight:** 19g
- ✧ **RoHS Compliant**

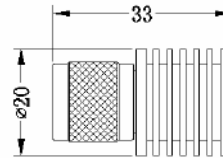
**Outline Drawing (mm)****Coaxial Terminations****Part Number: CT50-2-T1-6****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 2W
- ✧ **Frequency:** DC-6GHz
- ✧ **VSWR (Max.):** 1.30:1
- ✧ **Connector Type:** TNC(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi$  15\*28mm
- ✧ **Tolerance:**  $\pm$ 2%
- ✧ **Net Weight:** 19g
- ✧ **RoHS Compliant**

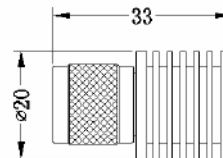
**Outline Drawing (mm)**

**Coaxial Terminations****Part Number: CT50-5-T1-3****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 5W
- ✧ **Frequency:** DC-3GHz
- ✧ **VSWR (Max.):** 1.20:1
- ✧ **Connector Type:** TNC(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi 20 \times 33$ mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 23g
- ✧ **RoHS Compliant**

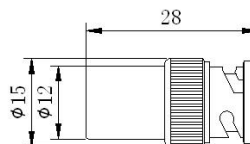
**Outline Drawing (mm)****Coaxial Terminations****Part Number: CT50-5-T1-6****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 5W
- ✧ **Frequency:** DC-6GHz
- ✧ **VSWR (Max.):** 1.30:1
- ✧ **Connector Type:** TNC(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi 20 \times 33$ mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 23g
- ✧ **RoHS Compliant**

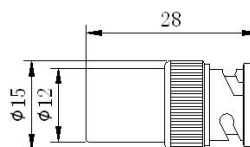
**Outline Drawing (mm)**

**Coaxial Terminations****Part Number: CT50-2-B1-3****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 2W
- ✧ **Frequency:** DC-3GHz
- ✧ **VSWR (Max.):** 1.20:1
- ✧ **Connector Type:** BNC(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi$  15\*28mm
- ✧ **Tolerance:**  $\pm$ 2%
- ✧ **Net Weight:** 17g
- ✧ **RoHS Compliant**

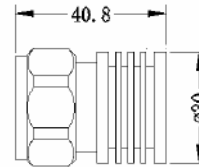
**Outline Drawing (mm)****Coaxial Terminations****Part Number: CT50-2-B1-6****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 2W
- ✧ **Frequency:** DC-6GHz
- ✧ **VSWR (Max.):** 1.20:1
- ✧ **Connector Type:** BNC(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi$  15\*28mm
- ✧ **Tolerance:**  $\pm$ 2%
- ✧ **Net Weight:** 17g
- ✧ **RoHS Compliant**

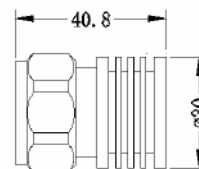
**Outline Drawing (mm)**

**Coaxial Terminations****Part Number: CT50-2-L1-3****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 2W
- ✧ **Frequency:** DC-3GHz
- ✧ **VSWR (Max.):** 1.20:1
- ✧ **Connector Type:** L29(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi 30 \times 40.8$ mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 110g
- ✧ **RoHS Compliant**

**Outline Drawing (mm)****Coaxial Terminations****Part Number: CT50-2-L1-6****Electrical Specifications**

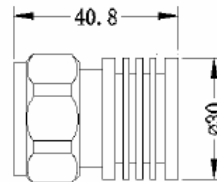
- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 2W
- ✧ **Frequency:** DC-6GHz
- ✧ **VSWR (Max.):** 1.30:1
- ✧ **Connector Type:** L29(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi 30 \times 40.8$ mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 110g
- ✧ **RoHS Compliant**

**Outline Drawing (mm)**



**Coaxial Terminations****Part Number: CT50-5-L1-3****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 5W
- ✧ **Frequency:** DC-3GHz
- ✧ **VSWR (Max.):** 1.20:1
- ✧ **Connector Type:** L29(Male)
- ✧ **Operating Temperature:** -55°C to +85°C
- ✧ **Dimension:**  $\Phi 30 \times 40.8$ mm
- ✧ **Tolerance:**  $\pm 2\%$
- ✧ **Net Weight:** 110g
- ✧ **RoHS Compliant**

**Outline Drawing (mm)****Coaxial Terminations****Part Number: CT50-5-L1-6****Electrical Specifications**

- ✧ **Nominal Impedance:** 50  $\Omega$
- ✧ **Power Rating:** 5W
- ✧ **Frequency:** DC-6GHz
- ✧ **VSWR (Max.):** 1.30:1
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- ✧ **Net Weight:** 110g
- ✧ **RoHS Compliant**

**Outline Drawing (mm)**