



UNIVERSAL COOPERATE LTD.



**Model UCL-DBT100**  
**High Power Coaxial Fixed Standard Termination**  
**100 Watts DC-3GHz**

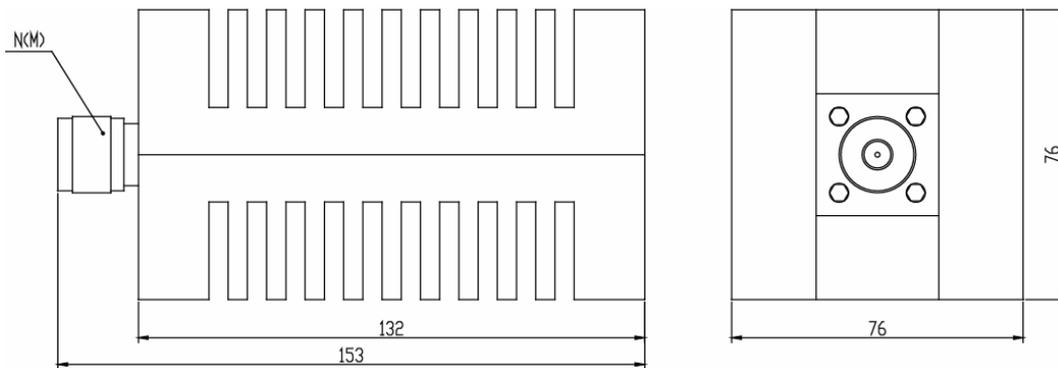
Coaxial fixed terminations are used in quantitatively absorbing energy of RF and microwave system, they are commonly used as dummy loads of antenna and transmitter.

UCL-DBT100 serial high power coaxial standard termination's average power from 50W-150W, frequency range from DC-3GHz and the features include wide frequency band, low VSWR, excellent capacity in anti-pulse and anti-burnout etc.

**NOMINAL IMPEDANCE:** 50Ω  
**AVERAGE POWER:** 100W average to 25°C ambient temperature, derated linearly to 10W @ 125°C.  
**PEAK POWER:** 5KW (5μs pulse width with 2% duty cycle)  
**TEMPERATURE RANGE:** -55°C~+125°C  
**CONNECTOR TYPE:** N  
**WEIGHT:** 1.35Kg  
**PHYSICAL DIMENSIONS:** 153×76×76mm

Model Number	Frequency Range(GHz)	Max VSWR
UCL-DBT100-3	DC-3	1.05

**Outline Drawings**



\* Dimensions are given in mm and tolerance ±2%.  
 \*\* VSWR varies according to frequency.  
 \*\*\* VSWR and dimensions refer to connector type N.