



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

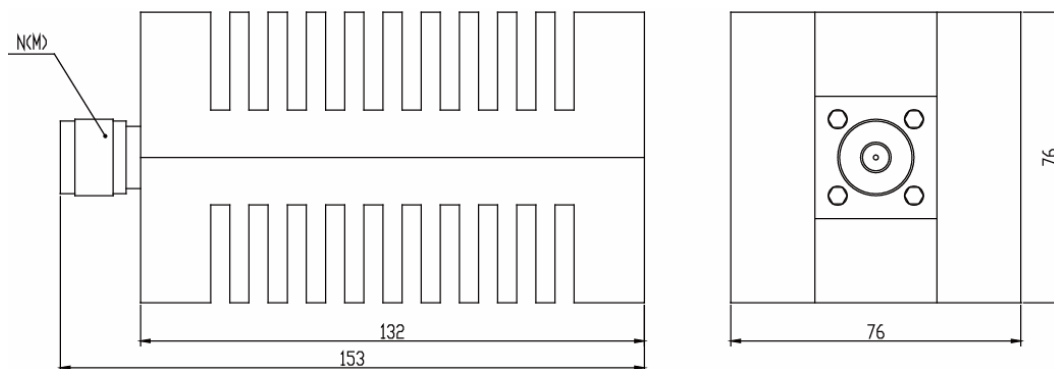
CONNECTOR TYPE: N

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 $\pm 2\%$.

** VSWR varies according to frequency.

*** VSWR and dimensions refer to connector type N.

Universal Cooperate Ltd.

Rep Office: 46 Langham Rd Edgware, HA8 9EL The UK

Web: www.ucl-microwave.com

Email: sales@ucl-microwave.com