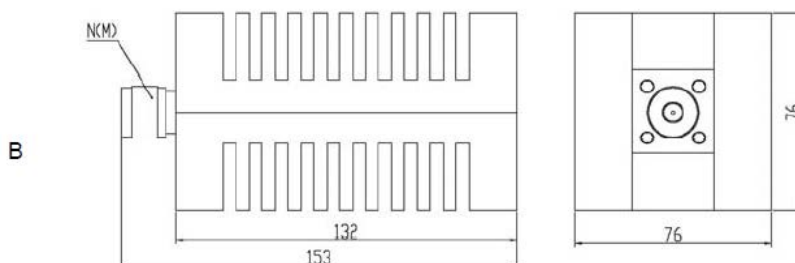


100 W Coaxial Termination DC-18GHz

Model: RTW-100-18GHz- DC-18GHz 100Watts



Coaxial fixed terminations are used in absorbing energy of transmission line, expanding power range, and controlling power level, they are also used in accurately measuring power or spectrum of RF microwave transmitters accompany with small power meter, comprehensive tester or spectrum analyzer.

RTW serial coaxial fixed attenuators' average power 50W-500W, frequency range DC-18GHz and feature wide frequency band, low VSWR, flatness attenuation value, excellent capacity in anti-pulse and anti-burnout

MECHANICAL SPECIFICATIONS	
CONNECTORS	Brass Nickel Plated
MALE PIN	Brass Gold Plate
FEMALE PIN	Beryllium Copper Gold Plated
HOUSING	Aluminium Black Anodised
INSULATOR	PTFE Virgin Electrical Grade
OPERATING TEMP.	-55° C to +125° C
DIMENSION (mm)	153 x 76 x 76mm
WEIGHT kg	1.45kg

RoHS compliant: Yes

ELECTRICAL SPECIFICATIONS

Model	Frequency Range (GHz)	Max VSWR
RTW-100-8	DC-8	≤1.25
RTW-100-10	DC-10	≤1.35
RTW-100-18	DC-18	≤1.55

Nominal impedance: 50Ω

AVERAGE POWER: 100W average to 25°C ambient temperature. derated linearly to 10W @125°C

PEAK POWER: 5kW (5μs pulse width 2% duty cycle)

3rdORDER INTERMODURATION (Optional): Reflected Levels (IM3) <-100dbc with two input signals@935MHz and 960MHz with average carrier power levels of 43dBm each

CONNECTOR TYPE: N TYPE

Notes:

- 1) Dimensions Tolerance ±2%
- 2) Dimension and specifications refer to connector type N unless otherwise specified
- 3) Customer designs available for other special attenuators value and accuracy