



WATER COOLED DUMMY LOAD REF. CAPWR340MR2

The role of the dummy load (water load) is to absorb the microwave power without giving any reflected power.

The dummy load is very often used in connection with a circulator - to absorb any reflected created within the applicator, or at the end of a wave guide to absorb all incident power in transmission applications.

The dummy load can be used to measure/calibrate a microwave generator by standard calorimetric methods or for direct measurements using a milliwattmeter (not supplied) connected to the calibrated *N-type* plug.



REF	CAPWR340MR2
Frequency	2450 MHz \pm 25 MHz
Maximum power	6 kW CW
S.W.R.	< 1.2 (at water temperature 18 – 24 °C)
Cooling	Water, min. 1 L/min per each kW of microwave power, e.g. 6 L/min for 6 kW
Measuring	N-type connector coupled at 60 dB \pm 10 dB. Calibration value marked clearly on each dummy load
Water connection	\varnothing 12 mm or 3/8" gas (BSP).
Microwave output	Flange WR340. Other standards on request.
Material	Epoxy paint brass (waveguide & flange) quartz (water pipe)
Weight	1.7 kg