



Connecticut Microwave 707 series loads are made in accordance with MIL-D 3954 and incorporate integral cooling fins. Although these units are designed to be used under conditions of natural convection, the power rating can be increased up to twice the listed rating by the use of forced air and appropriate baffling. (air flow of approximately 40cfm per kw of total power)

These loads may be mounted vertically, or horizontally and are equipped with mounting holes in the rear plate to facilitate installation.

Special versions of CM50 series loads can be designed to meet specific applications. Our applications Engineers are available for consultation and will be pleased to discuss your requirement.

High Power

Dummy Loads 707 Series

Model No	Equivalent JAN Nomenclature	Frequency Range (Kmc/s)	Max. Peak Pwr. Rating (Megawatts)	Average Pwr. Rating (Watts)	Max VSWR	Approx Dimensions (Inches)	Approx Weight (lbs.)	Waveguide	
								RG No	WR No
L707	DA-147/U	1.12-1.70	17.2	6000	1.15	33x11.5X9	48	103	650
S707	DA-145/U	2.60-3.95	3.2	4500	1.10	14x6.5X5	10	75	284
C707	DA.149/U	3.95-5.85	1.3	2000	1.10	9.5X4x3.5	6	95	187
H707	DA.144/U	5.85-8.20	0.71	1000	1.10	8x4x3	3	106	137
XL707	DA 148/U	7.05-10.0	0.46	600	1.10	6.5X3x2.5	1.25	68	112
X707	DA-146/U	8.20-12.4	0.29	500	1.10	6x2.5X2.5	1	67	90
KU707	DA.159/U	12.4-18.0	0.16	250	1.10	4x2.5X2.5	1/2	107	62

".001 duty cycle and 35 psig pressurization as per MIL.D.3954!A "
Above data subject to change without notice!

**aluminum equivalent

Natural convection cooling Average Power Rating can be increased to up to twice those listed by the use of forced air cooling at a rate of approximately 40 cfm per Kw of total power