

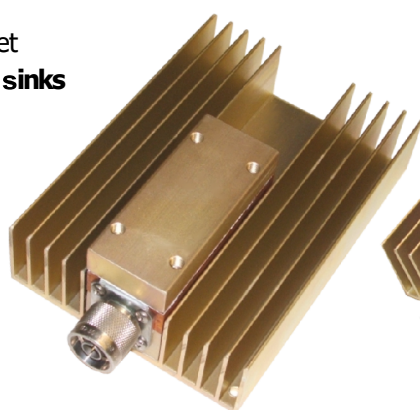
## RF LOADS

25-1000MHz

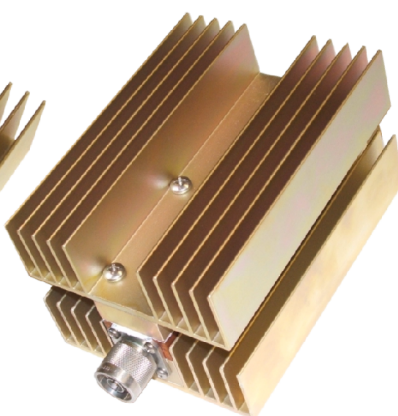
## 45-05-PP Series

Comprod Inc. continuous power RF Loads have been specifically developed to provide our customers with a product that is truly install and forget. The RF loads are specifically designed to continually absorb reflected power. Our loads are traditionally larger than the industry average. These heavy duty versions provide constant protection to your transmitters with their oversized heat sinks.

- **Excellent return loss**
- **Continuous duty power**
  - 24/7 operation
  - Install-and-forget
- **Oversized heat sinks**



45-05-60



45-05-100



45-05-250

Electrical Specifications	45-05-05	45-05-25	45-05-60	45-05-100	45-05-250
Frequency Range, MHz	5 - 1000	5 - 1000	5 - 1000	5 - 1000	5 - 1000
Load Type	Dry				
Cooling	Natural Air Convention				
Duty Cycle	Continuous				
Connectors	N Male				N Female
Impedance, Ohms	50				
Maximum RF Input Power, Watts	5	25	60	100	250
Resistor Element Rating, Watts	60	60	250	250	250
Heatsink Area, in (cm)	9.2 (59)	57 (368)	172.7 (1114)	334.7 (2159)	898.2 (5795)
Heatsink Power Density, Watts/inches	0.54	0.44	0.35	0.3	0.28
VSWR	1.05:1				
Temperature °C	-40 to +60	-40 to +60	-40 to +60	-40 to +60	-40 to +60

Mechanical Specifications	45-05-05	45-05-25	45-05-60	45-05-100	45-05-250
Dimensions, in (H x W x D)	1.31 x 1.50	5.06 x 1.50	6.3 x 3.9 x 1.6	6.3 x 3.9 x 2.9	7.4 x 8.00 x 4.3
Weight, lbs	0.18	0.64	1.28	2.00	7.52