

50 Ohm RF Loads

Kathrein RF loads are manufactured to the most exacting standards and are highlighted by the following features:

- excellent impedance match over a wide frequency range
- loads 10 watts and larger provide a high degree of RF shielding and stability due to the aluminum enclosure
- convection cooling permits installation in any attitude
- 50 and 100 watt units can be panel mounted to further aid equipment cooling
- 1.5 watt model IP rated IP65 for outdoor use, all other models for indoor use only



K6226111
T50MN/2

Specifications:

Power Rating*	Frequency Range	VSWR	Connector	Dimensions	Weight	Model
0.5 watt	0–2500 MHz	<1.08:1 (0–1000 MHz) <1.15:1 (1000–2000 MHz) <1.2:1 (2000–2500 MHz)	N male	1.3 in. long, 0.8 in. diameter 33 mm long, 21 mm diameter	0.09 lb 0.04 kg	K6226611 T50MN/0.5
1.5 watt	0–4000 MHz	<1.1:1 (0–2000 MHz) <1.3:1 (2000–4000 MHz)	7/16 male	1.6 in. long, 1.3 in. diameter 40 mm long, 32 mm diameter	0.27 lb 0.12 kg	784 10367 T50M7/1.5
2 watt	0–2000 MHz	<1.08:1 (0–1000 MHz) <1.15:1 (0–2000 MHz)	BNC male	1.2 in. long, 0.6 in. diameter 30 mm long, 15 mm diameter	0.04 lb 0.02 kg	T50MBNC/2
	0–2500 MHz	<1.08:1 (0–1000 MHz) <1.15:1 (1000–2000 MHz) <1.2:1 (2000–2500 MHz)	N male	1.3 in. long, 0.8 in. diameter 33 mm long, 21 mm diameter	0.09 lb 0.04 kg	K6226111 T50MN/2
10 watt	0–2500 MHz	<1.08:1 (0–1000 MHz) <1.15:1 (1000–2000 MHz) <1.2:1 (2000–2200 MHz) <1.25:1 (2200–2500 MHz)	N male	3.3 x 3.2 x 1.6 inches** 85 x 82 x 40 mm**	0.55 lb 0.25 kg	K6226411 T50MN/10
			N female	3.2 x 3 x 1.6 inches** 82 x 77 x 40 mm**	0.55 lb 0.25 kg	K6226401 T50FN/10
25 watt	0–2500 MHz	<1.08:1 (0–1000 MHz) <1.15:1 (1000–2000 MHz) <1.2:1 (2000–2500 MHz)	N male	4.8 x 3.7 x 1.4 inches** 121 x 94 x 35 mm**	1.1 lb 0.5 kg	K6226211 T50MN/25
			N female	4.4 x 3.7 x 1.4 inches** 113 x 94 x 35 mm**	1.1 lb 0.5 kg	K6226201 T50FN/25
			7/16 male	4.9 x 1.4 x 3.7 inches** 124 x 94 x 35 mm**	1.1 lb 0.5 kg	K6226217 T50M7/25
			7/16 female	4.9 x 3.7 x 1.4 inches** 125 x 94 x 35 mm**	1.1 lb 0.5 kg	K6226207 T50F7/25
50 watt	0–2500 MHz	<1.08:1 (0–1000 MHz) <1.15:1 (1000–2000 MHz) <1.2:1 (2000–2500 MHz)	N male	5.4 x 3.5 x 2.6 inches** 138 x 90 x 67 mm**	1.8 lb 0.8 kg	K6226311 T50MN/50
			N female	5.1 x 3.5 x 2.6 inches** 130 x 90 x 67 mm**	1.8 lb 0.8 kg	K6226301 T50FN/50
			7/16 male	5.2 x 3.5 x 2.6 inches** 133 x 90 x 67 mm**	1.8 lb 0.8 kg	K6226317 T50M7/50
			7/16 female	5.3 x 3.5 x 2.6 inches** 134 x 90 x 67 mm**	1.8 lb 0.8 kg	K6226307 T50F7/50
100 watt	0–1000 MHz	<1.08:1	N male	6.3 x 6.1 x 4.5 inches** 161 x 156 x 114 mm**	5.3 lb 2.4 kg	K6226511 T50MN/100
			N female	6.1 x 6 x 4.5 inches** 156 x 153 x 114 mm**	5.3 lb 2.4 kg	K6226501 T50FN/100
			7/16 female	6.7 x 6.1 x 4.5 inches** 170 x 156 x 114 mm**	5.3 lb 2.4 kg	K6226507 T50F7/100

* Power rating at 40°C ambient temperature. The maximum power rating increases or decreases with falling or rising ambient temperature.

** Includes connector length





K6226611
T50MN/0.5



784 10367
T50M7/1.5



K6226401
T50FN/10



K6226201
T50FN/25



K6226301
T50FN/50



K6226501
T50FN/100

All specifications are subject to change without notice. The latest specifications are available at www.kathrein-scala.com.

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