

E-Field Generator

LRET-10K30M-1

E-Field generator is the typical and core equipment which tests the radiation sensitivity of electric field in the electromagnetic compatibility test as transmitting antenna. Our E-Field generator products can meet the test requirements under MIL-STD-461 / GJB 151B standards.



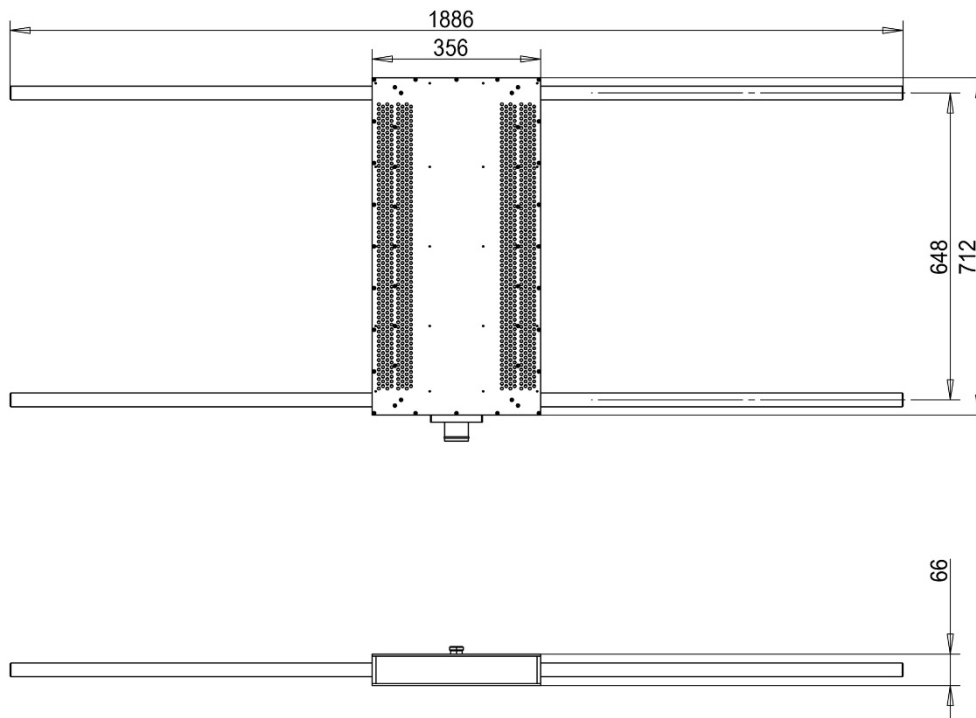
Electrical Data

Frequency range	10 kHz ~ 30 MHz	
Impedance	50 Ω	
VSWR	≤ 3.0	
Max. power input	≤ 2000 W	
Duty cycle	100%, continuous	1000 W
	25%, 3 minutes	2000 W

Mechanical Data

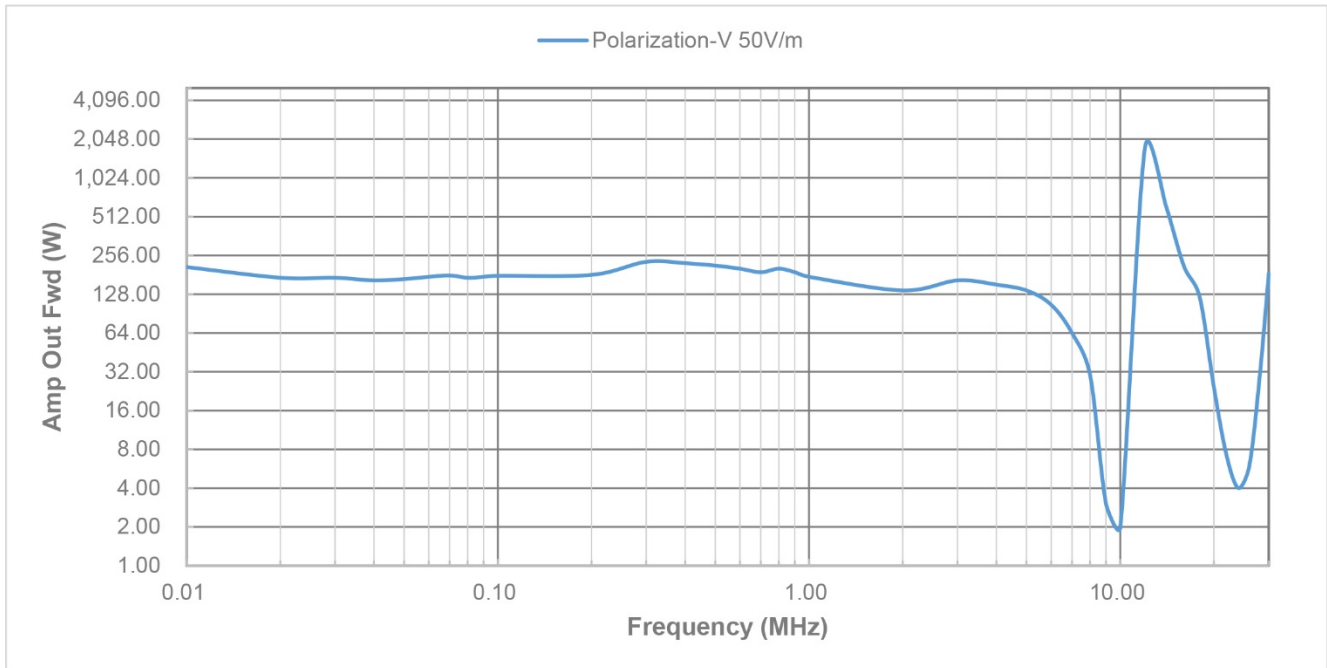
RF interface	7/16 female (N female optional)
Size	(1886x712x66) mm
Weight	20 kg

Outline Drawings



Picture 1 The outline drawing of LRET-10K30M-1

Typical Measured Data



Picture 2 LRET-10K30M-1 power curve at field strength of 50 V/m (Testing distance: 1.0m)

Ordering Information

Base unit

LRET-10K30M-1: E-field Generator, 10 kHz ~ 30 MHz, 2000 W, 7/16 female

Options

LRET-EFG-C01: Basic bracket (caster) compatible with LRET-10K30M-1 and LRET-10K30M-F1

LRET-EFG-T01: Bracket (tripod) compatible with LRET-10K30M-1 and LRET-10K30M-F1