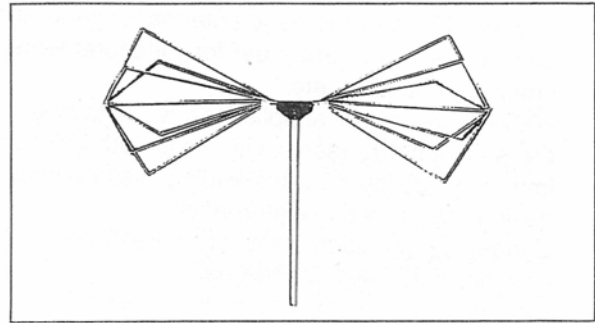


KBA-523E is a broad-band antenna for generating electric fields. 200W power can be supplied to the KBA-523E to measure the susceptibility (sensitivity for disturbance) and immunity (ability of withstanding disturbance) of devices subjected to disturbance. Can be used for radiation immunity measurement according to IEC 801 Standards.



■ Specifications

Frequency range	25 ~ 280MHz	
Antenna type	Biconical	
Input cable impedance	Nominal 50 Ω (Type B connector)	
Permissible power	Max. 200W	
Dimensions/weight	Dimensions : Refer to the figure below Weight : Approx. 3kg	
Configuration	Antenna holder	1
	Antenna element	1 pair
	Coaxial cable	1
Applied products (separately purchasable)	Tripod/support KTP-100 *	1 set
	Tripod/support KTP-101 (with a manual folder)	1 set

\* Type T holder (separately purchasable) is required when combining with KTP-100.

■ Relations between transmission power and electric field intensity

Injection power required for 10V/m at 1m

FREQ. (MHz)	ANT. FACTOR (dB)	Injection power (Watts)	FREQ. (MHz)	ANT. FACTOR (dB)	Injection power (Watts)
25	15.0	110*	120	10.2	2.3
30	14.2	92*	140	12.4	2.8
40	12.6	36*	160	12.7	2.3
50	11.3	17.	180	13.3	2.1
60	10.2	9.2	200	14.5	2.2
70	8.5	4.5	220	15.5	2.3
80	8.1	3.1	240	16.3	2.3
90	8.6	2.7	260	16.7	2.2
100	9.2	2.7	280	17.0	2.5

\* Exercise care on injection power for antenna.

■ Dimensions (unit: mm)

