

Teseq **BROADBAND POWER AMPLIFIERS** Selection tables

FROM 10 kHz Solid State Amplifiers
UP TO 40 GHz - Traveling Wave Tube



Teseq CBA Series

BROADBAND POWER AMPLIFIERS

10 kHz - 6 GHz Solid State Amplifiers



Use the product selector table below to quickly find the optimum device for your application..

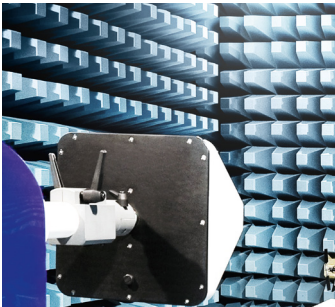
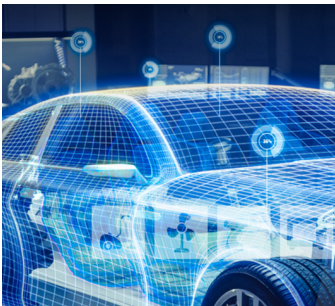
Type Number	Frequency Range GHz	Output Power (W Min)	P1dB (W)	Height	Length (mm)	Weight (kg)	10 kHz	150 kHz	1M Hz	80 MHz	100 MHz	230 MHz	250 MHz	400 MHz	800 MHz	1 GHz	1.2 GHz	1.4 GHz	2 GHz	2.7 GHz	3.1 GHz	4 GHz	6 GHz	
CBA 100M-110	10 kHz - 100 MHz	110	90	4U	440	20	90 W (P1dB)																	
CBA 100M-400	10 kHz - 100 MHz	400	300	9U	440	33	300 W (P1dB)																	
CBA 230M-035	150 kHz - 230 MHz	35	25	3U	440	12	25 W (P1dB)																	
CBA 230M-080	150 kHz - 230 MHz	80	70	3U	440	13	70 W (P1dB)																	
CBA 250M-2500	10 kHz - 250 MHz	3000	2100	34U	800	291	2100 W (P1dB)																	
CBA 400M-110	10 kHz - 400 MHz	110	80	4U	440	18	80 W (P1dB)																	
CBA 400M-260	10 kHz - 400 MHz	260	210	4U	440	20	210 W (P1dB)																	
CBA 1G-030D	1 MHz - 1 GHz	30	25	3U	615	14	25 W (P1dB)																	
CBA 1G-100D	1 MHz - 1 GHz	100	80	3U	615	16	80 W (P1dB)																	
CBA 1G-150D	80 MHz - 1 GHz	150	125	4U	615	19	125 W (P1dB)																	
CBA 1G-300D	80 MHz - 1 GHz	300	250	4U	615	35	250 W (P1dB)																	
CBA 1G-600D	80 MHz - 1 GHz	600	500	6U	615	58	500 W (P1dB)																	
CBA 1G-1200D	80 MHz - 1 GHz	1200	900	10U	686	95	900 W (P1dB)																	
CBA 4G-030D	0.8 GHz - 4 GHz	40	30	4U	615	15	30 W (P1dB)																	
CBA 4G-060D	0.8 GHz -4 GHz	80	60	4U	615	20	60 W (P1dB)																	
CBA 4G-100D	0.8 GHz -4 GHz	150	100	4U	615	27	100 W (P1dB)																	
CBA 4G-200D	0.8 GHz - 4 GHz	300	200	4U	615	48	200 W (P1dB)																	
CBA 4G-400D	0.8 GHz - 4 GHz	500	400	7U	615	90	400 W (P1dB)																	
CBA 4G-800D	0.8 GHz - 4 GHz	1000	800	20U	800	220	800 W (P1dB)																	
CBA 6G-030D	1 GHz - 6 GHz	35	30	4U	615	15	30 W (P1dB)																	
CBA 6G-050D	1 GHz - 6 GHz	60	50	4U	615	20	50 W (P1dB)																	
CBA 6G-100D	1 GHz - 6 GHz	125	100	4U	615	28	100 W (P1dB)																	
CBA 6G-200D	1 GHz - 6 GHz	250	200	7U	615	50	200 W (P1dB)																	
CBA 6G-400D	1 GHz - 6 GHz	500	400	20U	800	160	400 W (P1dB)																	
CBA 4G-900/600R	0.8 GHz - 4 GHz	500	400/300	20U	800	160	400/300 W (P1dB)																	
	1.2 GHz - 1.4 GHz CW	900															900 W (P1dB)							
	2.7 GHz - 3.1 GHz CW	600															600 W (P1dB)							
CBA 6G-900/600R	0.8 GHz - 6 GHz	500	400/300	20U	800	160	400/300 W (P1dB)																	
	1.2 GHz - 1.4 GHz CW	900															900 W (P1dB)							
	1.2 GHz - 1.4 GHz CW	600															600 W (P1dB)							

Teseq CBA Series
BROADBAND POWER AMPLIFIERS

10 kHz - 6 GHz Solid State Amplifiers



Use the product selector table below to quickly find the optimum device for your application..



Type Number	COMMERCIAL		MEDICAL	AUTOMOTIVE					MILITARY	AVIONIC
	EMC									
	IEC 61000-4-3	IEC 6100-4-6	IEC 60601-1-2	ISO 11452-2	ISO 11452-3	ISO 11452-4	ISO 11452-5	Radar Pulse	Mil-Std 461	DO160
CBA 100M-110		●			●		●		●	
CBA 100M-400		●			●		●		●	
CBA 230M-035		●	●		●		●			
CBA 230M-080		●	●		●		●			
CBA 250M-2500				●					●	
CBA 400M-110					●	●	●		●	●
CBA 400M-260					●	●	●		●	●
CBA 1G-030D	●		●			●	●		●	●
CBA 1G-100D	●		●			●	●		●	●
CBA 1G-150D	●		●						●	●
CBA 1G-300D	●		●	●					●	●
CBA 1G-600D	●		●	●					●	●
CBA 1G-1200D	●		●	●					●	●
CBA 4G-030D	●		●						●	●
CBA 4G-060D	●		●						●	●
CBA 4G-100D	●		●	●					●	●
CBA 4G-200D	●		●	●					●	●
CBA 4G-400D	●		●	●					●	●
CBA 4G-800D	●		●	●					●	●
CBA 6G-030D	●		●	●					●	●
CBA 6G-050D	●		●	●					●	●
CBA 6G-100D	●		●	●					●	●
CBA 6G-200D	●		●	●					●	●
CBA 6G-400D	●		●	●					●	●
CBA 4G-900/600R				●				●	TWT Required up to 40G	TWT Required up to 8/18G Pulse units 400M-18G
CBA 6G-900/600R				●				●		

Teseq TWT Series
BROADBAND POWER AMPLIFIERS

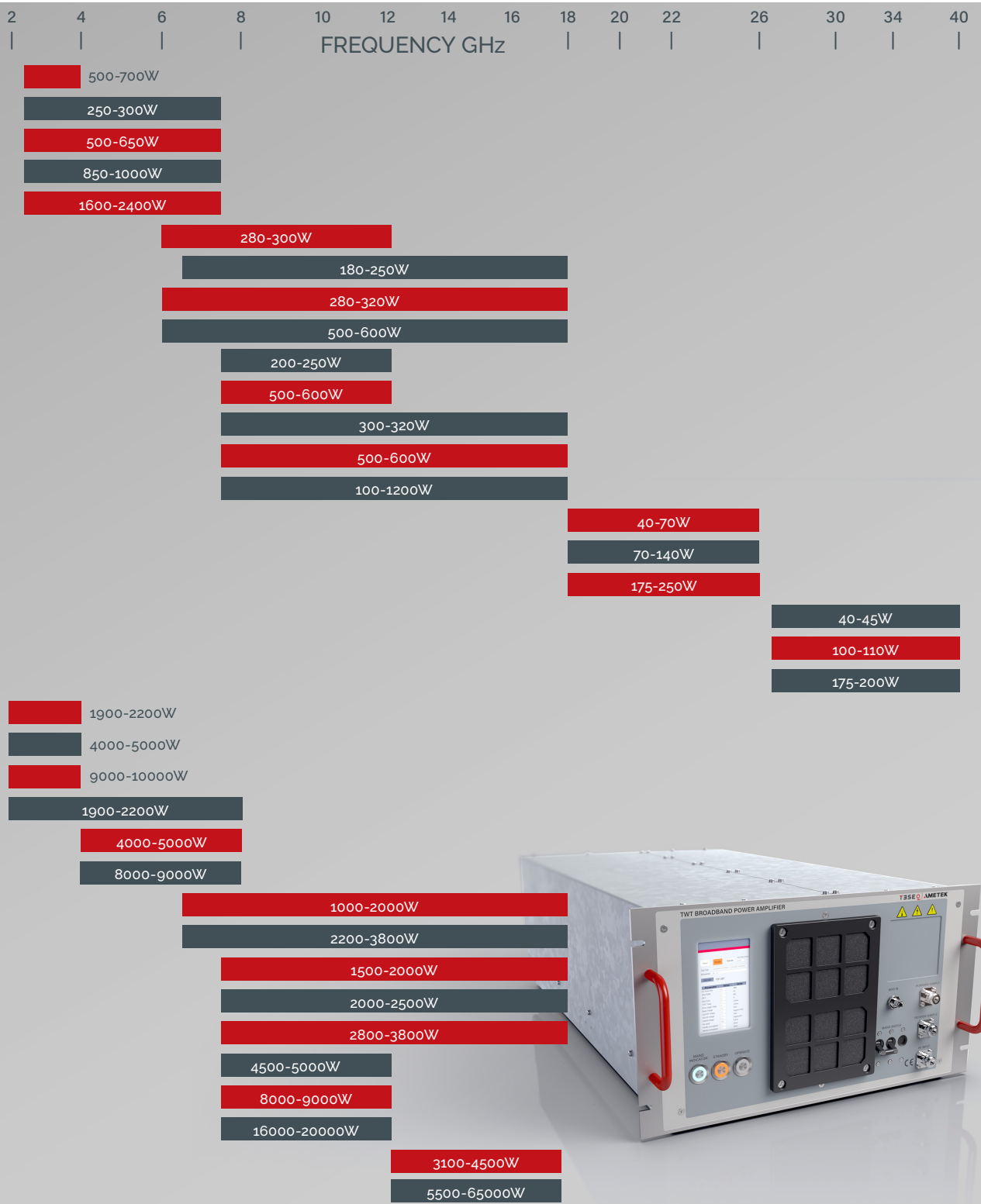
2-40 GHz - Traveling Wave Tube Amplifiers

CW TWT

Type Number	Frequency Range GHz	Output Power (W Min)	Output Power (W Typ)	Height	Length (mm)	Weight (kg)
TWT2G4G-500	2.5-4.0GHz	500	700	6U	800	47
TWT2G7G-250	2.5-7.5GHz	250	300	6U	800	45 (Typ)
TWT2G7G-500	2.5-7.5GHz	500	650	6U	800	47
TWT2G7G-850	2.5-7.5GHz	850	1000	12U	800	90
TWT2G7G-1600	2.5-7.5GHz	1600	2400	36U	1200	TBD
TWT6G12G-280	6.0-12.0GHz	280	300	6U	800	44
TWT6G18G-180	6.5-18.0GHz	180	250	6U	800	44
TWT6G18G-280	6.0-18.0GHz	280	320	6U	800	44
TWT6G18G-500	6.0-18.0GHz	500	600	12U	800	87
TWT8G12G-200	7.5-12.0GHz	200	250	6U	800	44
TWT8G12G-500	7.5-12.0GHz	500	600	12U	800	87
TWT8G18G-300	7.5-18.0GHz	300	320	6U	800	44
TWT8G18G-500	7.5-18.0GHz	500	600	12U	800	87
TWT8G18G-1000	7.5-18.0GHz	1000	1200	32U	1000	TBD
TWT18G26G-040	18.0-26.5GHz	40	70	6U	800	45 (Typ)
TWT18G26G-070	18.0-26.5GHz	70	140	12U	800	90 (Typ)
TWT18G26G-175	18.0-26.5GHz	175	250	32U	1000	TBD
TWT26G40G-040	26.5-40.0GHz	40	45	6U	800	45 (Typ)
TWT26G40G-100	26.5-40.0GHz	100	110	6U	800	45 (Typ)
TWT26G40G-175	26.5-40.0GHz	175	200	12U	800	90 (Typ)
PTWT2G4G-1.9KW	2.0-4.0GHz	1900	2200	6U	800	45 (Typ)
PTWT2G4G-4KW	2.0-4.0GHz	4000	5000	6U	800	51
PTWT2G4G-9KW	2.0-4.0GHz	9000	10000	12U	800	105
PTWT4G8G-1.9KW	2.0-8.0GHz	1900	2200	6U	800	45 (Typ)
PTWT4G8G-4KW	4.0-8.0GHz	4000	5000	6U	800	53
PTWT4G8G-8KW	4.0-8.0GHz	8000	9000	12U	800	96
PTWT6G18G-1KW	6.5-18.0GHz	1000	2000	6U	800	44
PTWT6G18G-2.2KW	6.5-18.0GHz	2200	3800	12U	800	90 (Typ)
PTWT8G18G-1.5KW	7.5-18.0GHz	1500	2000	6U	800	44
PTWT8G18G-2KW	7.5-18.0GHz	2000	2500	6U	800	45
PTWT8G18G-2.8WK	7.5-18.0GHz	2800	3800	12U	800	90 (Typ)
PTWT8G12G-4.5KW	8.0-12GHz	4500	5000	6U	800	45 (Typ)
PTWT8G12G-8KW	8.0-12GHz	8000	9000	12U	800	90
PTWT8G12G-16KW	8.0-12GHz	16000	20000	32U	1000	TBD
PTWT12G18G-3.1KW	12.0-18.0GHz	3100	4500	6U	800	45 (Typ)
PTWT12G18G-5.5KW	12.0-18.0GHz	5500	65000	12U	800	94

PULSED TWT

Use the product selector tabtble below to quickly find the optimum device for your application..



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