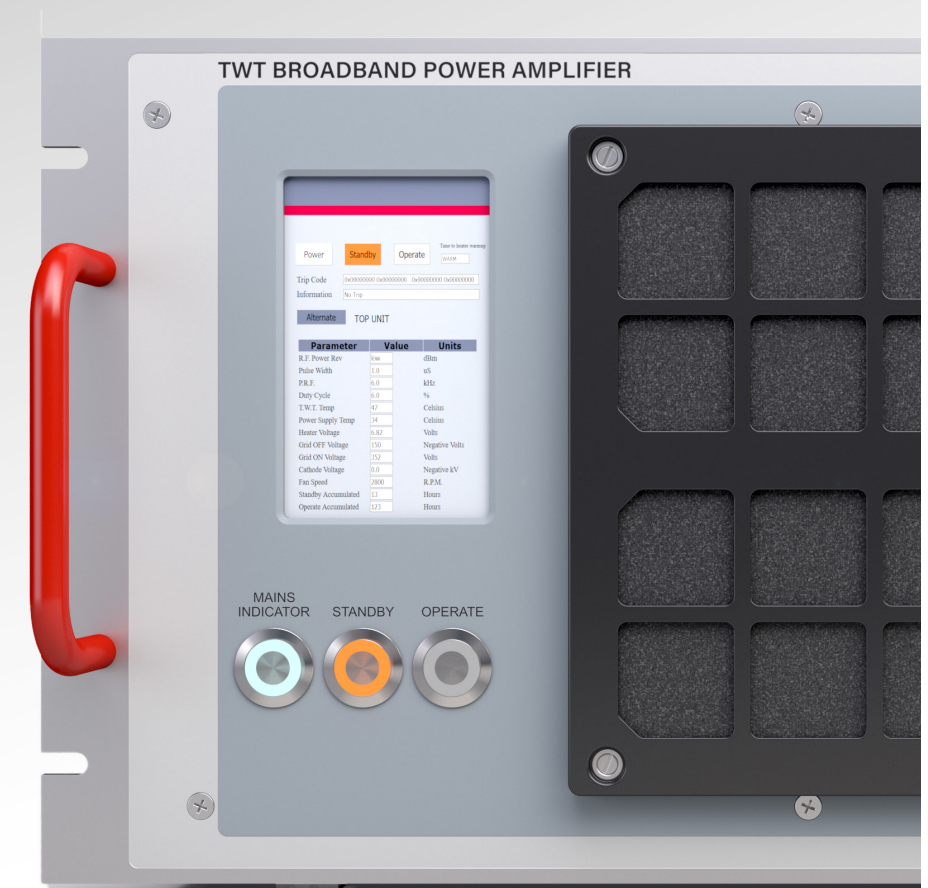


Teseq **BROADBAND** **POWER AMPLIFIERS** Selection tables

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



Teseq TWT Series

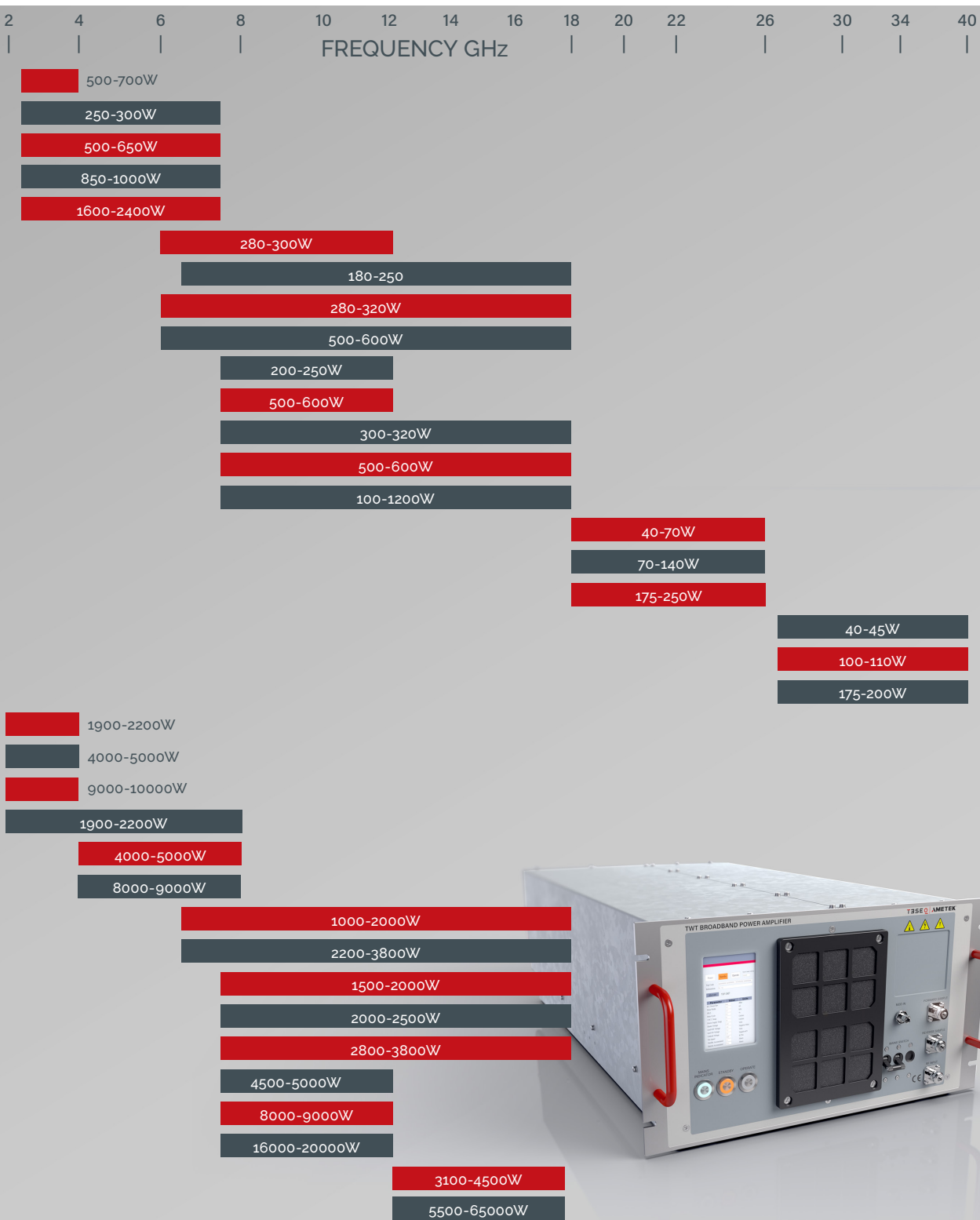
BROADBAND POWER AMPLIFIERS

2-40 GHz - Traveling Wave Tube Amplifiers

www.ametek-cts.com

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

	Type Number	Frequency Range GHz	Output Power (W Min	Output Power (W Typ	Height	Length (mm	(Weight (kg
CW TWT	TWT2G4G-500	2.5-4.0GHz	500	700	6U	800	47
	TWT2G7G-250	2.5-7.5GHz	250	300	6U	800	(Typ) 45
	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	(Typ) 45
	TWT18G26G-070	18.0-26.5GHz	70	140	12U	800	(Typ) 90
	TWT18G26G-175	18.0-26.5GHz	175	250	32U	1000	TBD
	TWT26G40G-040	26.5-40.0GHz	40	45	6U	800	(Typ) 45
	TWT26G40G-100	26.5-40.0GHz	100	110	6U	800	(Typ) 45
	TWT26G40G-175	26.5-40.0GHz	175	200	12U	800	(Typ) 90
PULSED TWT	PTWT2G4G-1.9KW	2.0-4.0GHz	1900	2200	6U	800	(Typ) 45
	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	(Typ) 45
	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	(Typ) 90
	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	(Typ) 90
	PTWT8G12G-4.5KW	8.0-12GHz	4500	5000	6U	800	(Typ) 45
	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	(Typ) 45
	PTWT12G18G-5.5KW	12.0-18.0GHz	5500	65000	12U	800	94



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..

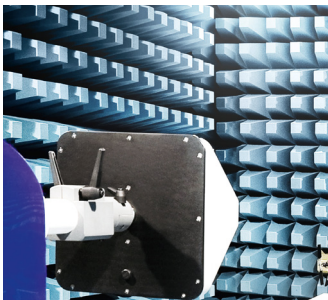
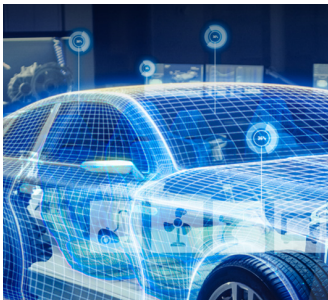
Type Number	Frequency Range GHz	Output Power (W Min	(P1dB (W	Height	Length (mm	(Weight (kg	10 kHz	150 kHz	1M Hz	80 MHz	100 MHz	230 MHz	250 MHz	400 MHz	800 MHz	1 GHz	1.2 GHz	1.4 GHz	2 GHz	2.7 GHz	3.1 GHz	4 GHz	6 GHz
CBA 100M-110	10 kHz - 100 MHz	110	90	4U	440	20																	
CBA 100M-400	10 kHz - 100 MHz	400	300	9U	440	33																	
CBA 230M-035	150kHz - 230 MHz	35	25	3U	440	12																	
CBA 230M-080	150kHz - 230 MHz	80	70	3U	440	13																	
CBA 250M-2500	10kHz - 250 MHz	3000	2100	34U	800	291																	
CBA 400M-110	10kHz - 400 MHz	110	80	4U	440	18																	
CBA 400M-260	10kHz - 400 MHz	260	210	4U	440	20																	
CBA 1G-030D	1MHz - 1 GHz	30	25	3U	615	14																	
CBA 1G-100D	1MHz - 1 GHz	100	80	3U	615	16																	
CBA 1G-150D	80MHz - 1 GHz	150	125	4U	615	19																	
CBA 1G-300D	80MHz - 1 GHz	300	250	4U	615	35																	
CBA 1G-600D	80MHz - 1 GHz	600	500	6U	615	58																	
CBA 1G-1200D	80MHz - 1 GHz	1200	900	10U	686	95																	
CBA 3G-025B	0.8GHz - 3.1 GHz	30	25	3U	615	15																	
CBA 3G-050B	0.8GHz - 3.1 GHz	50	40	3U	615	18																	
CBA 3G-100B	0.8GHz - 3.1 GHz	100	90	4U	615	20																	
CBA 3G-300B	0.8GHz - 3.1 GHz	300	200	6U	615	36																	
CBA 3G-500B	0.8GHz - 3.1 GHz	500	450	10U	615	95																	
CBA6G-030D	1GHz - 6 GHz	35	30	4U	615	15																	
CBA6G-050D	1GHz - 6 GHz	60	50	4U	615	20																	
CBA6G-100D	1GHz - 6 GHz	125	100	4U	615	28																	
CBA6G-200D	1GHz - 6 GHz	250	200	7U	615	50																	
CBA6G-400D	1GHz - 6 GHz	500	400	20U	800	160																	
CBA 4G-900/600R	0.8GHz - 4 GHz	500	400/300	20U	800	160																	
	1.2GHz - 1.4 GHz CW	900																					
	2.7GHz - 3.1 GHz CW	600																					
CBA 6G-900/600R	0.8GHz - 6 GHz	500	400/300	20U	800	160																	
	1.2GHz - 1.4 GHz CW	900																					
	1.2GHz - 1.4 GHz CW	600																					

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..



	COMMERCIAL		MEDICAL	AUTOMOTIVE				MILITARY	AVIONIC	
	EMC									
Type Number	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 3G-025B	●		●						●	●
CBA 3G-050B	●		●						●	●
CBA 3G-100B	●		●	●					●	●
CBA 3G-300B	●		●	●					●	●
CBA 3G-500B	●		●	●					●	●
CBA6G-030D	●		●	●					●	●
CBA6G-050D	●		●	●					●	●
CBA6G-100D	●		●	●					●	●
CBA6G-200D	●		●	●					●	●
CBA6G-400D	●		●	●					●	●
CBA 4G-900/600R				●				●	TWT Required up to 40G	TWT Required up to 8/18G Pulse units 400M-18G
CBA 6G-900/600R				●				●		

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