

Product Summary – Microwave Power Modules (MPMs)

Please note - these are generic types only – many other variants are available to order

Type Number	Frequency Range GHz	Output Power W (RF)	Gain dB	Duty Cycle %	Pulse Length us	Prime Power	Tube/Gun Type	Cooling	Size LxWxH mm	Weight kg	Appli-cation	Special Features
MPMs (Microwave Power Modules)												
PTX8340	2.0-8.0	100	50	CW/ Pulsed	-	270 VDC	FE TWT	Cond'n	280x200x32	3.5	R,EW, C	
PTX8100	6.0-18.0	100	50	CW/ Pulsed	-	270 VDC	FE TWT	Cond'n	250x200x32	4	R,EW, C	
PTX7480	7.9-8.4	125	51	CW	-	270 VDC	Diode TWT	Cond'n	250x200x65	4	C	
PTX8202	9.0-10.0	110	50	CW/ Pulsed	-	270 VDC	FE TWT	Cond'n	250x200x32	4	R	Low noise
PTX7464	9.5-10.0	8000	54	2	20	270 VDC	Grid TWT	Cond'n	340x180x66	7	R	
PTX8400	X band	1000	55	5	100	28 VDC	Grid TWT	Cond'n	300x160x50	4	R	
PTX8320	30.0-31.0	50	40	CW/ Pulsed	-	270 VDC	FE TWT	Cond'n	250x200x40	4	C	
PTX7626	Ku band	2000	60	2	25	28 VDC	Grid TWT	Cond'n	300x160x50	5	R	

EW - Electronic Warfare; R - Radar; FE - Focus Electrode; C - Communications

TMD is also able to provide control boxes and filters according to customers' requirements.

