

## 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
<b>MPMs (Microwave Power Modules)</b>												
PTX8340	2.0-8.0	100	50	CW/ Pulsed	-	270 VDC	FE TWT	Cond'n	280x200x32	3.5	R,EW, C	
PTX8200	4.5-18.0	100	50	CW/ Pulsed	-	270 VDC	FE TWT	Cond'n	260x200x32	4	R,EW, C	
PTX8207	4.5-18.0	140	50	CW/ Pulsed	-	270 VDC	FE TWT	Cond'n	260x200x32	4	R,EW, C	
PTX8208	7.9-8.4	100	51	CW	-	115 V, 3-Ph AC	FE TWT	Cond'n	260x200x50	4.5	C	
PTX8202	9.0-10.0	110	50	CW/ Pulsed	-	270 VDC	FE TWT	Cond'n	250x200x32	4	R	Low noise
PTX8400	X band	1000	55	5	100	28 VDC	Grid TWT	Cond'n	300x160x50	4	R	
PTX8209	13.75-14.5	110	50	CW	-	270 VDC	FE TWT	Cond'n	260x200x32	4	C	
PTX8610	16.25-16.75	2000	60	2	90	28 VDC	Grid TWT	Cond'n	305x180x74	5.5	R	
PTX8320	26.0-40.0	50	40	CW/ Pulsed	-	270 VDC	FE TWT	Cond'n	250x200x40	4	EW	
PTX8321	30.0-31.0	50	40	CW/ Pulsed	-	270 VDC	FE TWT	Cond'n	250x200x40	4	C	

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

TMD is also able to provide input power converters and control boxes according to customers' requirements (see following page).



## Product Summary – Microwave Power Modules (MPMs) - Accessories

Power Converters	
PTM8290	48 V to 270 V DC-DC converter module for use with PTX8000 type MPMs
PTM8293	28 V to 270 V DC-DC converter module for use with PTX8000 type MPMs
PTM8292	115 V AC to 270 V AC-DC converter module for use with PTX8000 type MPMs
PTM8295	115 V AC to 270 V Rectifier filter module for use with PTX8000 type MPMs
Control Boxes	
Custom control boxes can be provided for many of TMD PTX MPMs and rugged amplifiers (Datasheet EVD6106 describes the range)	

© TMD Technologies Ltd  
Swallowfield Way Hayes Middx UB3 1DQ  
Telephone +44 (0)20 8573 5555  
Fax +44 (0)20 8569 1839  
www.tmd.co.uk

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