

APPLICATION-BASED PRODUCT RECOMMENDATION CHART

Applications	Frequency	Power Handling (CW)	Terminations	High Power Attenuators	Temperature Variable Attenuators	Small Signal Fixed Attenuators	HybriX® Couplers	Smart Detector	
MRI	1.5 T (64 MHz)	0.5 W						PST-10-M-1F	
		10 W					HD064M3F		
		300 W					HG064M2F		
		800 W	32M1005F						
	3 T (128 MHz)	0.5 W							PST-10-M-1F
		10 W					HD128M3F		
		300 W					HE128MF		
		800 W	32M1005F						
	7 T (298 MHz)	0.5 W							PST-10-M-1F
		10 W							
		300 W					HE298MF		
		800 W	32M1005F						
	9.4 T (400 MHz)	0.5 W							PST-10-M-1F
		10 W							
		300 W					HE450M2F		
		800 W	32M1005F						
Broadcast	AM / FM (148 kHz - 108 MHz)	400 W	32A1017F	33A1050*F					
		800 W	32A1199F						
		1000 W	32A5001F						
	DTV (54 - 800 MHz)	400 W	32A1017F	33A1050*F			HLB2F		
		800 W	32A1202F						
		1000 W	32A5001F						
Public Safety	US Public Safety (763 - 798 MHz)	0.5 W						PST-10-A-1F	
		2 W	SMT1206ALNF		TVA Series	TS03 Series			
		20 W	SMT2010TALNF 32A1014F	33A1001*F					
		60 W	SMT2525TALNF 32A1122F	33A7023*F			HPT3F D3PVxxF		
	TETRA (380 - 470 MHz)	0.5 W							PST-10-A-1F
		2 W				TVA Series	TS03 Series		
		10 W	SMT1206ALNF 32A1111F	83A3999*F 33A1001*F					
		25 W	SMT2010F 32A1051F	33A1054*F			HDC2F HDC3F		
Green Technology	RF/Plasma Lighting (2.4 GHz)	60 W	SMT2525TALNF 32A1122F						
		100 W	SMT3737TALNF 32A7165F	33A7023*F			HPK2F		
		200 W	32A7037F				HDP3F D3DLxxF		
	Smart Meters (2.4 GHz)	0.1 W				AN7 Series	TS07 Series		PST-10-A-1F
		1 W	SMT2010A			AN3 Series	TS03 Series	HFL3F	
	RF Heating (2.4 GHz)	2 W				AN3 Series	TS03 Series		
		250W	32A7037F					HAP3F	
		800 W							

* = dB Value



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Applications	Frequency	Power Handling (CW)	Terminations	High Power Attenuators	Temperature Variable Attenuators	Small Signal Fixed Attenuators	HybriX® Couplers	Smart Detector	
BTS Remote Radio Head	US LTE (700 - 800 MHz)	0.1 W			AN7 Series	TS07 Series		PST-10-A-1F	
		60 W	SMT2525TALNF 32A1122F						
		100 W	SMT3737TALNF 32A7165F	33A7023*F			HPT3F		
		200 W	32A1196F				HDT2F D3MDxxF		
	GSM (800 - 960 MHz)	0.1 W				AN7 Series	TS07 Series		PST-10-A-1F
		60 W	SMT2525TALNF 32A1122F					HPD3F D3PDxxF	
		100 W	SMT3737TALNF 32A7165F	33A7023*F			HMD3F		
		200 W	32A1196F				HDDF D3MDxxF		
	AWS PCS UMTS (1700 - 2200 MHz)	0.1 W				AN7 Series	TS07 Series		PST-10-A-1F
		60 W	SMT2525TALNF 32A1122F					D3PJxxF D3PLxxF	
		100 W	SMT3737TALNF 32A7165F	33A7023*F			HPK2F		
		200 W	32A7037F				HDJ3F HDL3F D3DJxxF D3DLxxF		
	2.5 GHz WiMAX IMT-2000 Extension (2300 - 2700 MHz)	0.1 W				AN7 Series	TS07 Series		PST-10-A-1F
		60 W	SMT2525TALNF 32A1122F					HPP2F D3PPxxF	
		100 W	SMT3737TALNF 32A7165F	33A7023*F			HMP2F		
		200 W	32A7037F				HDP3F D3DPxxF		
	3.5 GHz WiMAX (3300 - 3900 MHz)	0.1 W				AN7 Series	TS07 Series		PST-10-A-1F
		60 W	32A1122F					HPR2F D3PRxxF	
		100 W	SMT252503ALN2F 32A7165F						
		200 W							
Point-Point Radio Radar Satellite Satellite TV	C-Band (4 - 8 GHz)	0.2 W	CT0402		MTVA Series WTVA Series	TS05 Series		PST-10-A-1F	
		2 W	CT0402D		TVA Series	TS03 Series			
		20 W	CT2010 32-1070				HUU2F D3FUxxF		
		50 W	CT0505D				HPU2F		
	X-Band (8 - 12 GHz)	0.2 W	CT0402			MTVA Series WTVA Series	TS05 Series		
		2 W				TVA Series	TS03 Series		
		20 W						HPX2F	
	Ku-Band (12 - 18 GHz)	50 W	CT0505D						
		0.2 W	CT0402			MTVA Series WTVA Series	TS05 Series		
		2 W							
	K-Band (18 - 26.5 GHz)	20 W							
		50 W	CT0505D						
		0.2 W	CT0402			KTVA Series	KFA Series		
	Ka-Band (26.5 - 40 GHz)	2 W							
		20 W							
		50 W	CT0603D						
Q-Band (33 - 50 GHz)	0.2 W				KTVA Series QTVA Series	KFA Series QFA Series			
	2 W								
		0.2 W			QTVA Series	QFA Series			
		2 W							

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