



**High Performance In-Phase Two-Way Power Dividers**  
*Typical and Guaranteed Specifications—50 Ω System*



Model	Frequency Range MHz	Input VSWR		Output VSWR		Insertion Loss (dB)		Amplitude Balance (dB)		Phase Balance (Deg.)		Isolation (dB)	
		Typ.	Max.	Typ.	Max.	Typ.	Max.	Typ.	Max.	Typ.	Max.	Typ.	Min.
<b>Available in Surface Mount Package</b>													
PDTS1000	5-1000												
	5-250	1.05:1	1.3:1	1.15:1	1.3:1	0.2	0.5	±0.05	±0.3	±0.25	±2.0	27	20
	250-500	1.05:1	1.3:1	1.15:1	1.3:1	0.5	1.25	±0.05	±0.3	±0.25	±2.0	27	20
	500-1000	1.2:1	1.4:1	1.15:1	1.3:1	0.5	1.25	±0.05	±0.3	±0.25	±2.0	27	20
PDTS2000	10-2000												
	10-500	1.25:1	1.4:1	1.1:1	1.3:1	0.5	1.0	±0.05	±0.1	±0.1	±1.0	27	20
	500-1000	1.15:1	1.3:1	1.15:1	1.3:1	0.75	1.0	±0.05	±0.2	±0.4	±2.0	25	20
	1000-1500	1.15:1	1.3:1	1.18:1	1.3:1	1.2	1.5	±0.05	±0.3	±0.6	±3.0	25	20
	1500-2000	1.15:1	1.3:1	1.18:1	1.3:1	1.5	2.0	±0.05	±0.4	±0.75	±4.0	25	20

Current data sheets available on website.