

- SPACE QUALIFIED
- 100 2000 MHz
- 2 WAY FLATPACK



TECHNICAL DESCRIPTION / APPLICATION

The PDF-2A-1000 SQ 2 way power divider/combiner covers a frequency range of 100 to 2000 MHz using a special lumped element design to reduce the size while maintaining high performance. This device has been designed in accordance with Merrimac document CENG-0001, "Standard Design Requirements for Space Qualified Devices".

GENERAL SPECIFICATIONS											
MODEL NUMBER	FREQUENCY RANGE	ISOLATION dB		INSE	AMPLITUDE BALANCE dB		PHASE BALANCE		VSWR INPUT/ OUTPUT		
	MHz	MIN.	TYP.	MAX.	TYP.	MAX.	TYP.	MAX.	TYP.	MAX.	TYP.
PDF-2A-1000 SQ	100 - 2000	15	20	1.8	1.0	0.5	0.25	5°	3°	1.6:1	1.3:1
INPUT POWER MAX	COUPLING	IMPEDANCE		INTERNAL POWER DISSIPATION		WEIGHT		OPERATING TEMPERATURE			
	NOM.	NOM.		MAX.		MAX.					
1 W	3.0 dB	50 OHM		50 mW		2.8 g		-55° to +85 ° C			

