

PDML-20A SERIES – 0° POWER DIVIDERS/COMBINERS

TECHNICAL FEATURE

FEATURES

- 2 to 2000 MHz
- 2-way
- In-Line Hi-Rel Package
- Wide Bandwidth
- Low Insertion Loss
- SMA

PRINCIPAL SPECIFICATIONS														
Model Number	Frequency Range, MHz	Freq. Perform., MHz	Isolation, dB			Insertion Loss, dB		Phase Balance		Amplitude Bal., dB		VSWR, (In/Output)		Internal Dissip. mW, Max.
			Min.	Typ.	Max.	Typ.	Max.	Typ.	Max.	Typ.	Max.	Typ.		
PDML-20A-100	2 - 200	2 - 10	25	30	0.5	0.25	2°	1°	0.15	0.1	1.3:1	1.15:1	50	
		10 - 200	30	35	0.5	0.25	2°	1°	0.15	0.1	1.3:1	1.15:1		
PDML-20A-500	5 - 1000	100 - 1000	20	25	1.0	0.5	4°	1°	0.2	0.1	1.5:1	1.2:1	50	
		5 - 1000	20	25	1.1	0.7	4°	1°	0.3	0.2	1.5:1	1.2:1		
PDML-20A-1000	10 - 2000	10 - 1500	18	20	1.3	1.0	6°	3°	0.4	0.3	1.6:1	1.4:1	50	
		1500 - 2000	12	15	2.0	1.5	8°	4°	0.6	0.5	1.8:1	1.5:1		

General Notes:

1. The PDML-20 series of In-Line 2-way Power Dividers/Combiners covers 2 MHz to 2 GHz using high performance, multi-octave, lumped element circuits.
2. The housing is a convenient low 0.4 inch (10 mm) profile SMA package.

GENERAL SPECIFICATIONS

Nominal Coupling: – 3 dB
 Impedance: 50 Ω nom.
 CW Input Power: 1W max.
 (When used as divider with 1.2:1 VSWR_{out})
 Operating Temperature: – 55° to +85°C

