

PDML-30A SERIES – 0° POWER DIVIDERS/COMBINERS

TECHNICAL FEATURE

FEATURES

- 2 to 2000 MHz
- 3-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)		Weight, oz.(g) Nom.
			Min.	Typ.	Max.	Typ.	Max.	Typ.	Max.	Typ.	Max.	Typ.	Max.	
PDML-30A-100	2 - 300	2 - 200	28	32	1.0	0.8	3°	2°	0.3	0.15	1.35:1	1.2:1	0.9(25)	
		200 - 300	20	25	1.2	1.0	4°	3°	0.4	0.2	1.60:1	1.3:1		
PDML-30A-500	50 - 1000	50 - 800	20	25	1.5	0.8	8°	3°	0.5	0.3	1.5:1	1.3:1	0.9(25)	
		800 - 1000	20	25	2.2	1.5	10°	5°	0.7	0.5	1.7:1	1.4:1		
PDML-30A-1100	100 - 2000	100 - 2000	18	20	2.2	1.5	10°	5°	0.7	0.5	1.5:1	1.3:1	0.9(25)	

General Notes:

1. The PDML-30 series of In-Line 3-way Power Dividers/ Combiners covers 2 to 2000 MHz using a high performance lumped element design. All units are housed in a convenient, low profile, 0.4 inch (10 mm) SMA package.

GENERAL SPECIFICATIONS

Nominal Coupling: - 4.8 dB
 Impedance: 50 Ω nom.
 CW Input Power: 1W max.
 (When used as divider with 1.2:1 VSWR_{out})
 Internal Load Dissipation: 50 mW max.
 Operating Temperature: - 55° to +85°C

