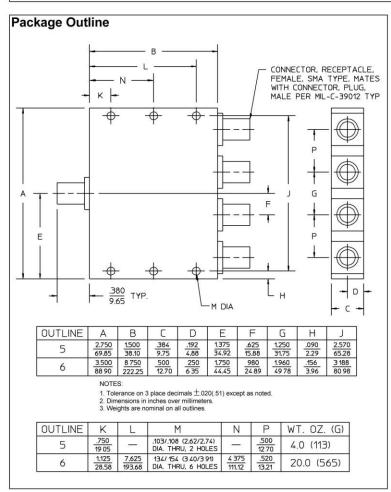
PDM-45R Series - 0° Power Dividers/Combiners

TECHNICAL FEATURE

FEATURES

- 0.5 to 26.5 GHZ
- Extremely Wide Instantaneous BW
- Uniform Phase & Amplitude Balance
- SMA

PRINCIPAL SPECIFICATIONS										
Model Number	Freq. Range, GHz	Isolation, dB, Min.	Insertion Loss, dB, Max.	Phase Bal., Max.	Amplitude Bal., dB, Max.		WR, ax., Out	CW Input Max., with 1.2:1		
PDM-45R-9.2G	0.5 - 18.0	16	4.0	10°	1.0	1.70:1	1.45:	1 30 W	1 W	6
PDM-45R-16G	6.0 - 26.5	15	2.1	10°	0.5	1.70:1	1.60:	1 30 W	1 W	5



GENERAL SPECIFICATIONS

Impedance: 50Ω nom. Operating Temperature: -55° to $+85^{\circ}$ C

General Notes:

- 1. The PDM-45R series of 4-way, In-Phase Power Dividers/Combiners covers 0.5 to 26.5 GHz. Each circuit uses a specially developed stripline design providing high isolation and low VSWR over broad operating bands.
- 2. The stripline circuits are encased in a miniature machined housing that minimizes moding and provides an effective RF shield.
- 3. These units are generally available from catalog stock for fast delivery.

27Mar96

Crane Aerospace & Electronics

Microwave Solutions – Merrimac Industries 41 Fairfield Place, West Caldwell, NJ 07006

+ 1.973.575.1300 ext. 1309 • <u>mw@crane-eg.com</u>

www.craneae.com/mw

