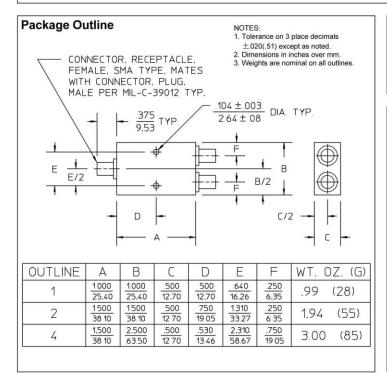
PDM-21(M) SERIES - 0° POWER DIVIDERS/COMBINERS

TECHNICAL FEATURE

FEATURES

- 0.5 to 18 GHZ
- 2-way
- Uniform Phase & Amplitude Balance
- High Isolation & Low Insertion Loss
- SMA

PRINCIPAL SPECIFICATIONS											
Model Number	Freq. Range, GHz	Isolation, dB, Min.	Insertion Loss, dB, Max.		Amplitude Bal., dB, Max.		WR, ax. Out	Load	Input VSWR 2.0:1		Outline Drawing Ref.
	200,000					430001		Strong trydoch.			
PDM-21M-1.5G	1.0 - 2.0	22	0.25	3°	0.2	1.25:1	1.20:1	10	1	0.1	2
PDM-21M-3G	2.0 - 4.0	20	0.30	4°	0.2	1.30:1	1.25:1	10	1	0.1	2
PDM-21M-4G	3.0 - 5.0	20	0.35	4°	0.2	1.30:1	1.30:1	10	1	0.1	2
PDM-21M-6G	4.0 - 8.0	20	0.30	4°	0.2	1.30:1	1.25:1	10	1	0.1	1
PDM-21M-10G	8.0 - 12.4	20	0.40	4°	0.2	1.30:1	1.35:1	10	1	0.1	1
PDM-21M-15G	12 - 18	20	0.60	5°	0.2	1.35:1	1.40:1	10	1	0.1	1



GENERAL SPECIFICATIONS

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

General Notes:

- 1. The PDM-21(M) series of 2-way In-Phase Power Dividers/Combiners covers 1 MHz to 18 GHz in octave bands. Each uses a conventional Wilkinson design which provides high isolation and low VSWR.
- 2. Etched PTFE fiberglass 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.

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