

# PDM-21M-6GH — 0° POWER DIVIDER/COMBINER

## TECHNICAL FEATURE

### FEATURES

- 4.0 - 8.0 GHz
- High Isolation
- K-Connectors
- Uniform Phase & Amplitude Balance
- Low Insertion Loss
- Hermetic Package
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## PRINCIPAL SPECIFICATIONS

Model Number	Frequency Range GHz	Isolation dB Min.	Insertion Loss, dB Max.	Phase Balance Max.	Amplitude Balance dB Max.	VSWR Max.		CW Input, W, Load VSWR out		
						In	Out	1.2:1	2.0:1	∞
PDM-21M-6GH	4.0 - 8.0	20	0.50	4°	0.2	1.30:1	1.25:1	10	1	0.1

## GENERAL NOTES

- The PDM-21M-6GH series 2-way power divider/combiner covers 4.0 to 8.0 GHz in octave bands. Each uses a conventional Wilkinson design which provides high isolation and low VSWR.

## GENERAL SPECIFICATIONS

Coupling .....- 3 dB nom.  
 Impedance.....50 Ω nom.  
 Internal Load Dissipation..... 150 mW  
 Weight, max. .... 1.3 oz (37g)  
 Operating Temperature ..... -55° to +85° C

## PACKAGE OUTLINE

