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TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
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Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

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- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Find the *Crane / Merrimac PDM-24M-6G* at our website: *Click HERE*

PDM-24M SERIES – 0° POWER DIVIDERS/COMBINERS

TECHNICAL FEATURE

FEATURES

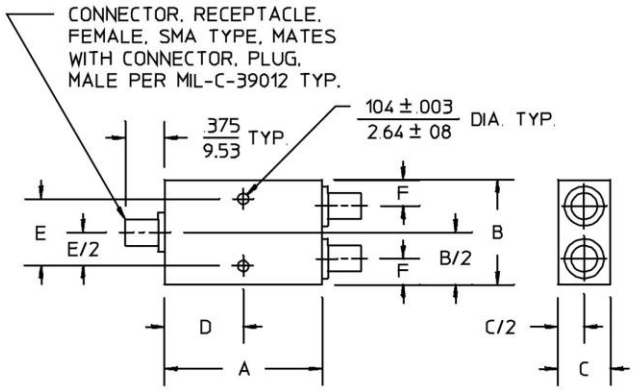
- 2 to 18 GHZ
- 2-way
- Uniform Phase & Amplitude Balance
- High Isolation & Low Insertion Loss
- SMA

PRINCIPAL SPECIFICATIONS

Model Number	Freq. Range, GHz	Isolation, dB, Min.	Insert. Loss, dB, Max.	Phase Bal., Max.	Amplitude Balance, dB, Max.	VSWR, Max. In	VSWR, Max. Out	CW Input Power, Max., With VSWR$_{out}$ 1.2:1	2.0:1	∞	Outline Dwg. Ref.
PDM-24M-6G	2.0 - 8.0	20	0.30	4°	0.2	1.35:1	1.35:1	30 W	10 W	1W	3
PDM-24M-10G	2.0 - 18.0	16	1.00	5°	0.3	1.50:1	1.50:1	30W	10W	1W	5
PDM-24M-13G	8.0 - 18.0	20	0.60	5°	0.2	1.35:1	1.40:1	30W	10W	1W	1

Package Outline

NOTES:
1. Tolerance on 3 place decimals ±.020(.51) except as noted.
2. Dimensions in inches over mm.
3. Weights are nominal on all outlines.



OUTLINE	A	B	C	D	E	F	WT. OZ. (G)
1	1.000 / 25.40	1.000 / 25.40	.500 / 12.70	.500 / 12.70	.640 / 16.26	.250 / 6.35	.99 (28)
3	2.000 / 50.80	1.500 / 38.10	.500 / 12.70	1.000 / 25.40	1.310 / 33.27	.250 / 6.35	2.47 (70)
5	1.620 / 41.15	1.000 / 25.40	.380 / 9.65	.750 / 19.05	.850 / 21.59	.250 / 6.35	1.20 (34)

GENERAL SPECIFICATIONS

Impedance:	50 Ω nom.
Operating Temperature:	– 55° to + 85°C

General Notes:

1. The PDM-24M series of 2-way In-Phase Power Dividers/Combiners covers multi-octave frequency bands from 2 GHz to 18 GHz. Each uses a multi-section Wilkinson design providing 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. Many units in this series are available from stock for fast delivery.

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PDM24M.doc. This revision supersedes all previous releases. All technical information is believed to be accurate, but no responsibility is assumed for errors.
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We buy equipment

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We're here to make your life easier. How can we help you today?

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