

PD, PDB & PDH-20 SERIES – 0° POWER DIVIDERS/COMBINERS

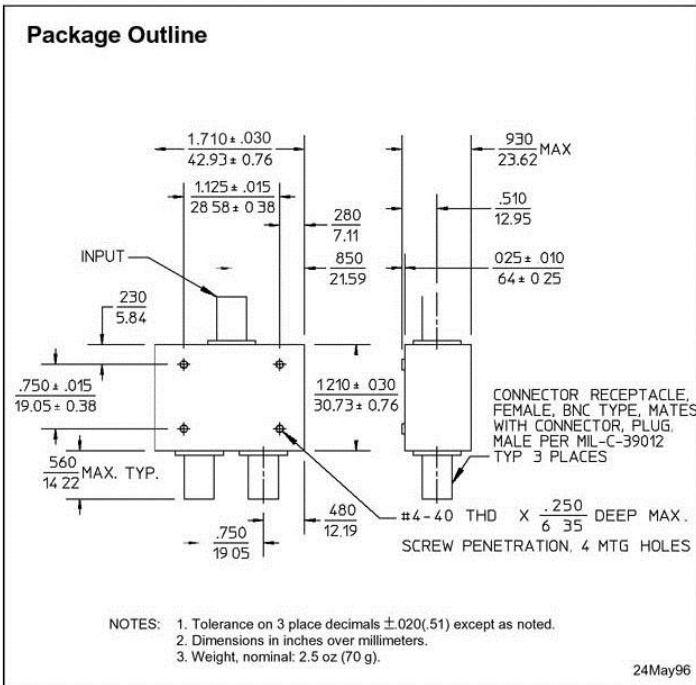
TECHNICAL FEATURE

FEATURES

- .05 to 1000 MHz
- 2-way
- Uniform Phase & Amplitude Balance
- Low Insertion Loss
- BNC

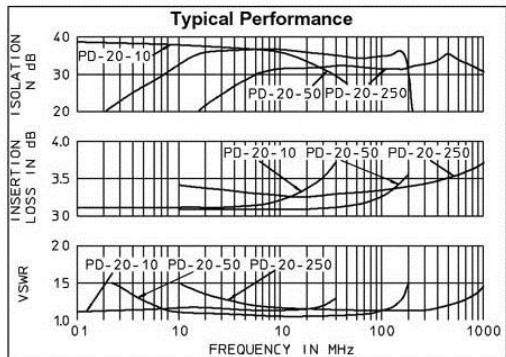
PRINCIPAL SPECIFICATIONS													
Model Number	Freq. Range, MHz	Imped. Nominal, Ω	Isolation, dB		Insertion Loss, dB		Phase Balance		Amplitude Bal., dB		VSWR (In/Output)		Input Power† W, Max.
			Min.	Typ.	Max.	Typ.	Max.	Typ.	Max.	Typ.	Max.	Typ.	
PD-20-10	0.05 - 20	50	30	35	0.5	0.3	2°	1°	0.2	0.1	1.3:1	1.2:1	2
PD-20-50	1 - 100	50	30	35	0.5	0.3	2°	1°	0.2	0.1	1.3:1	1.2:1	3
PDB-20-100*	1 - 200	75	25	30	0.7	0.5	2°	1°	0.2	0.1	1.4:1	1.2:1	3
PD-20-250	50 - 500	50	30	32	0.6	0.5	2°	1°	0.2	0.1	1.3:1	1.2:1	3
	10 - 50	50	25	30	0.6	0.5	2°	1°	0.2	0.1	1.3:1	1.2:1	3
PDH-20-250	10 - 500	50	25	30	0.6	0.3	2°	1°	0.2	0.1	1.3:1	1.2:1	20
PD-20-500	5 - 1000	50	25	30	1.0	0.7	2°	1°	0.2	0.1	1.3:1	1.2:1	1

*BNC connector is standard on 50Ω model †CW power input when used as divider with 1.2:1 VSWR_{out}



GENERAL SPECIFICATIONS

Coupling:	– 3 dB nom.
Impedance:	50 Ω nom. except 75 Ω for PDB-20-100
Internal Load Dissip.:	250 mW max. except 10 W for PDH-20-250
Connectors:	BNC Female to meet interface requirements of MIL-C-39012
Operating Temp:	– 55° to +85°C



Note: This series also includes 75 ohm and high power units for special applications. These are available for other bands to custom order.

Crane Aerospace & Electronics
 Microwave Solutions – Merrimac Industries
 41 Fairfield Place, West Caldwell, NJ 07006
 + 1.973.575.1300 ext. 1309 • mw@crane-eg.com
www.craneae.com/mw



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