ARTISAN®
TECHNOLOGY GROUP

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

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

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.

- Critical and expedited services
- 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 PD-20-10* at our website: *Click HERE*

PD, PDB &
PDH-20 Series

0° POWER DIVIDERS/COMBINERS

.05 to 1000 MHz / 2-Way / Uniform Phase & Ampli. Bal. / Low Insertion Loss / 50 Ω & 75 Ω / BNC

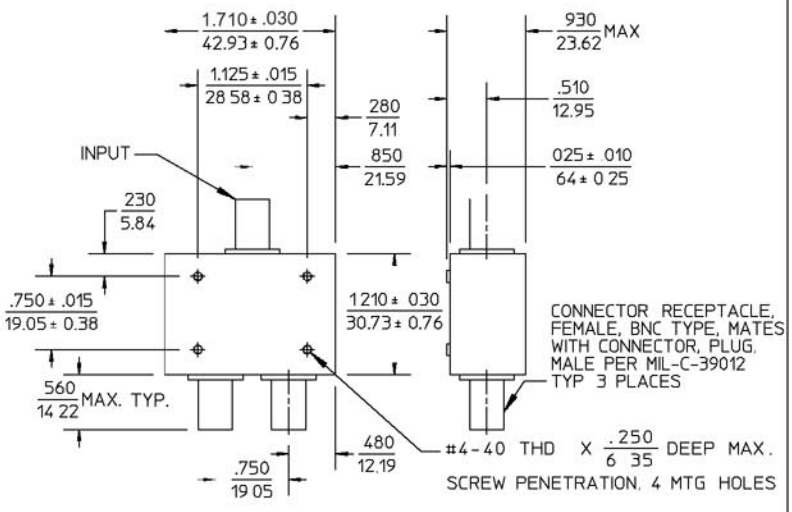
PRINCIPAL SPECIFICATIONS

Model Number	Freq. Range, MHz	Imped. Nominal, Ω	Isolation, dB, Min.	Isolation, dB, Typ.	Insertion Loss, dB, Max.	Insertion Loss, dB, Typ.	Phase Balance Max.	Phase Balance Typ.	Amplitude Bal., dB, Max.	Amplitude Bal., dB, Typ.	VSWR (In/Output) Max.	VSWR (In/Output) Typ.	Input Power† W, Max.
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 $VSWR_{out}$

Package Outline



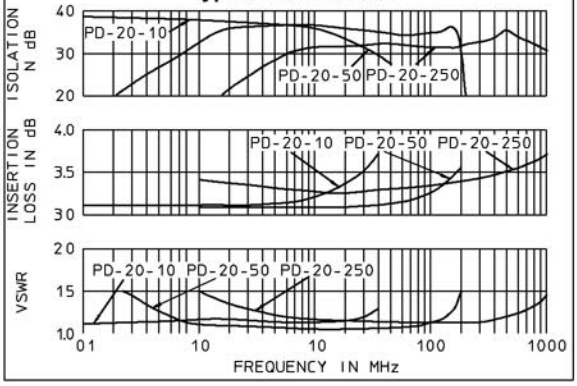
NOTES: 1. Tolerance on 3 place decimals ±.020(.51) except as noted.
2. Dimensions in inches over millimeters.
3. Weight, nominal: 2.5 oz (70 g).

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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

Typical Performance



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

For further information contact ***MERRIMAC / 41 Fairfield Pl., West Caldwell, NJ, 07006 / 973-575-1300 / FAX 973-575-0531***

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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

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