

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

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*

PDG & PDU-20-250 – 0° POWER DIVIDERS/COMBINERS

TECHNICAL FEATURE

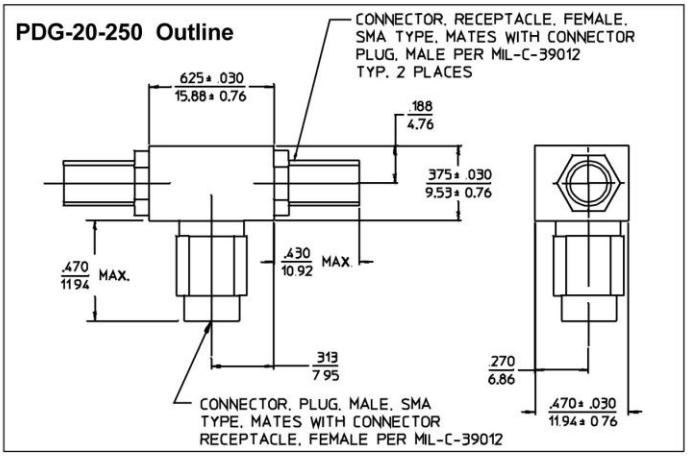
FEATURES

- 5 to 500 MHz
- 2-way
- Ultra Miniature
- High Output Isolation
- Low Insertion Loss
- SMA

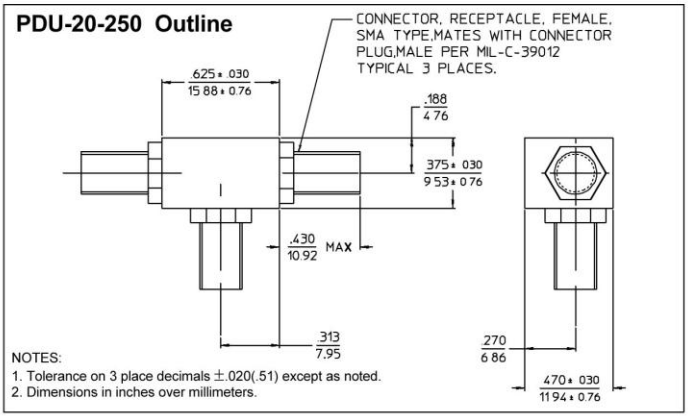
PRINCIPAL SPECIFICATIONS

Model Number	Frequency Range, MHz	Frequency Performance, MHz	Isolation, dB, Min.	Isolation, dB, Typ.	Insertion Loss, dB, Max.	Insertion Loss, dB, Typ.	Phase Balance Max.	Phase Balance Typ.	Amplitude Balance, dB, Max.	Amplitude Balance, dB, Typ.	VSWR In/Output Max.	VSWR In/Output Typ.
PDU-20-250	5 - 500	5 - 500	25	30	0.7	0.5	2°	1°	0.2	0.1	1.35:1	1.2:1

PDG-20-250 Outline



PDU-20-250 Outline



GENERAL SPECIFICATIONS

Coupling:	– 3 dB nom.
Impedance:	50 Ω nom.
Internal Load Dissip.:	250 mW max.
CW Input Power:	1 Watt max (When used as divider with 1.2:1 $VSWR_{out}$)
Weight, nominal:	0.32 oz. (9 g)
Operating Temperature:	– 55° to + 85°C

General Notes:

1. The PDG-20-250 and PDU-20-250 2-way Power Dividers/Combiners cover a broad frequency range from 5 MHz to 500 MHz using a special high performance lumped element design to reduce overall size.
2. These units are suited for connectorized applications where an ultra-miniature package is essential.

24May96

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

PDG20250.doc. This revision supersedes all previous releases. All technical information is believed to be accurate, but no responsibility is assumed for errors.
We reserve the right to make changes in products or specifications without notice. Copyright © 2013 Crane Electronics, Inc. All rights reserved.

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.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

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

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

ARTISAN® TECHNOLOGY GROUP