

PANDA MICROWAVE
Introduction

Your RF & Microwave Components Source

Panda Microwave Limited

Panda Microwave

COMPANY INTRODUCTION

Panda Microwave Limited is a leading high-tech company, specializes in the design, development and manufacture of the state-of-the-art RF & Microwave products. We supply narrowband and broadband components, like Power Divider, Directional Coupler, Band Pass Filter, Power Amplifier, PIN Diode Switch, Hybrid Coupler, Horn Antennas and also with subsystems.

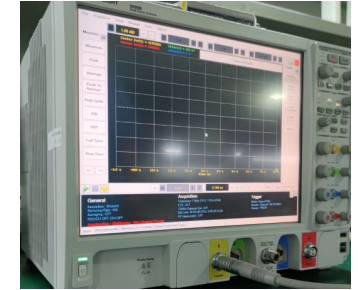
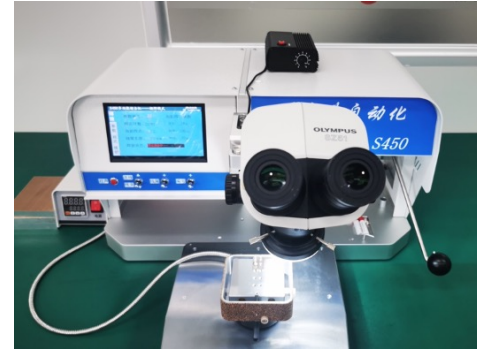
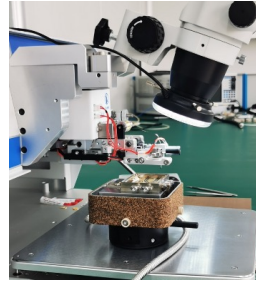
Panda Microwave is glad to provide application-specific custom designs to meet your special requirements. By employing advanced technologies and techniques, our engineers and scientists are responsible for a number of unique technological breakthroughs in RF & Microwave Passive Device, Amplifier, Dielectric Resonator Oscillator (DRO) and other components.

At Panda Microwave, we adopt continuous research for new theories and models, as well as uninterrupted development of new theoretical and experimental techniques, have ensured that Panda Microwave is always at the forefront of science and technology.

01

OUR COMPANY

Your RF & Microwave Components Source



01

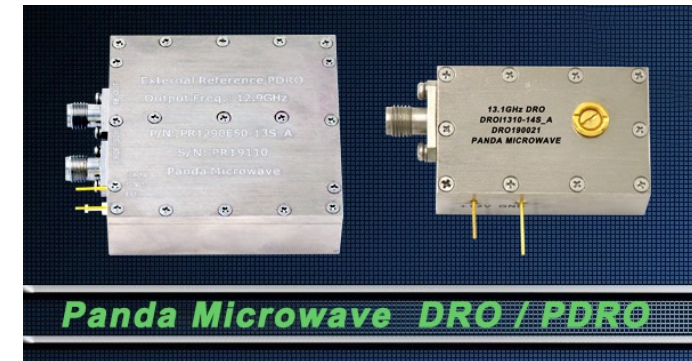
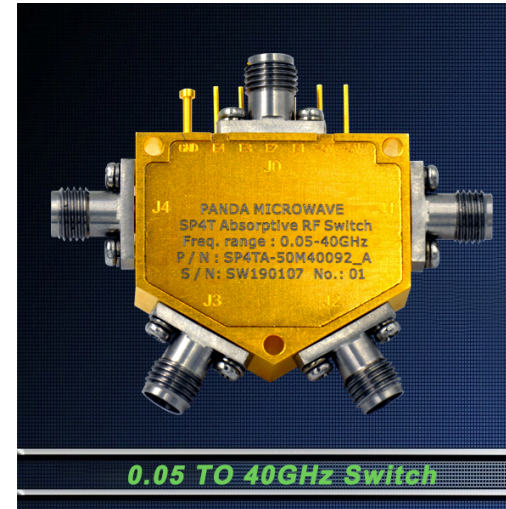
PRODUCTS

Your RF & Microwave Components Source

01

RF & Microwave Components

Up to 70GHz Power Divider , Directional Coupler , Filter, Duplexer , Pin Switch , Amplifier and PDRO



02

Waveguide Components

Up to 110GHz Straight Waveguide , Waveguide Bend, Waveguide Twist, Transition, Adapter , Termination, Coupler and Power Divider

03

Adapters and Cable Assemblies

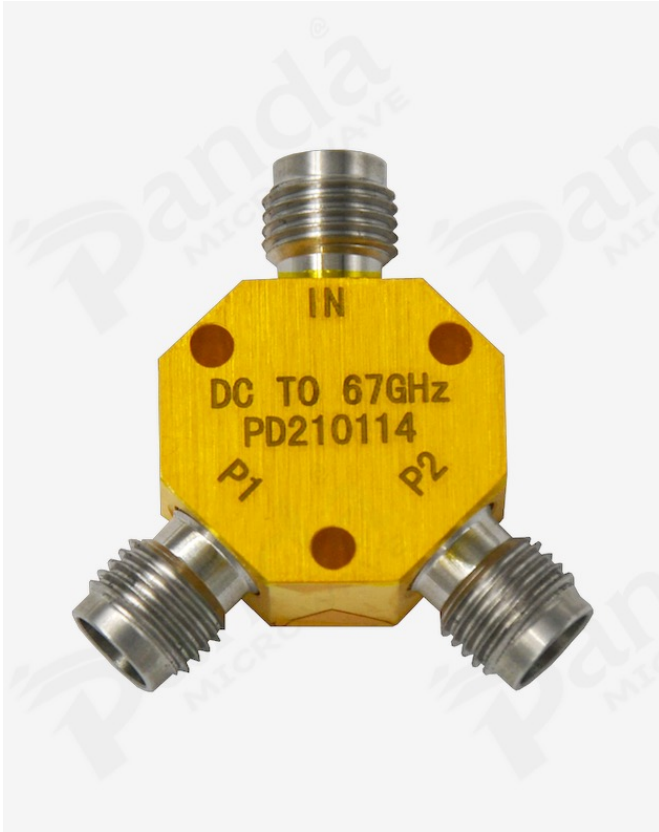
Up to 110GHz Adapter and Test Cable Assemblies, Flexible RF Cable Assemblies



01

Power Divider

Your RF & Microwave Components Source



Features

- Freq. Range : Up to 67GHz
- Number of Output Ports : 2-32 way
- Stainless Steel Connectors
- RoHS and REACH Compliant
- IP65 Optional
- Thermal Vacuum Optional

<https://pandamw.com/power-divider/>

01

Directional Coupler / Hybrid Coupler

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Features

- Freq. Range : Up to 67GHz
- Nominal Coupling : 3-50dB
- Stainless Steel Connectors
- RoHS and REACH Compliant
- IP65 Optional
- Thermal Vacuum Optional

<https://pandamw.com/hybrid-coupler/>

<https://pandamw.com/directional-coupler/>

01

Filter

Your RF & Microwave Components Source



Features

- Freq. Range : Up to 50GHz
- Power : 1 to 200W
- Stainless Steel Connectors
- RoHS and REACH Compliant
- IP65 Optional
- Group Delay Optional
- Phase Linearity Optional

<https://pandamw.com/filter/>

01

Duplexer / Diplexer / Triplexer

Your RF & Microwave Components Source



Features

- Freq. Range : Up to 50GHz
- Power : 1 to 200W
- Stainless Steel Connectors
- RoHS and REACH Compliant
- IP65 Optional
- PIM Optional

<https://pandamw.com/duplexer/>

<https://pandamw.com/diplexer/>

01

Pin Switch

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Features

- Freq. Range : Up to 50GHz
- Power : 0.2 to 10W
- SPST to SP32T
- Stainless Steel Connectors
- RoHS and REACH Compliant

<https://pandamw.com/switch/>

01

Power Amplifier / LNA

Your RF & Microwave Components Source



Features

- Freq. Range : Up to 50GHz
- Power : 0.1 to 1000W
- Stainless Steel Connectors
- Solid State High Power Optional
- Internal Protection Optional
- Communication Optional
- RoHS and REACH Compliant

<https://pandamw.com/amplifier/>

01

PDRO Phase Locked Dielectric Resonator Oscillator

Your RF & Microwave Components Source



Features

- Output Freq. : Up to 50GHz
- Output Power : 10 to 20dBm
- Low Phase Noise
- Internal / External Reference Optional
- 10MHz External + Internal Optional
- Stainless Steel Connectors
- RoHS and REACH Compliant

<https://pandamw.com/dro-pdro/>

01

Attenuator

Your RF & Microwave Components Source

01

Fixed Attenuator

- Freq. Range : DC-40GHz
- Attenuation : 1 – 50dB

02

Voltage Control Attenuator

- Freq. Range : Up to 18GHz
- Control Voltage : DC -10V

03

Digital Attenuator

- Freq. Range : Up to 40GHz
- Attenuator Range : 63dB max



<https://pandamw.com/attenuator/>

01

LOAD

Your RF & Microwave Components Source



Features

- Output Freq. : Up to 260GHz
- Power : 1 to 500W
- Low VSWR
- Stainless Steel Connectors
- RoHS and REACH Compliant

<https://pandamw.com/termination/>

01

Limiter , Passive Equalizer , Adapter

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01

RF Limiter

- Freq. Range : 0.1-40GHz
- Flat Leakage : 10 – 20dBm



02

Passive Equalizer

- Freq. Range : 0.8 – 40GHz
- Equalizing : 3 -12dB



03

Adapter

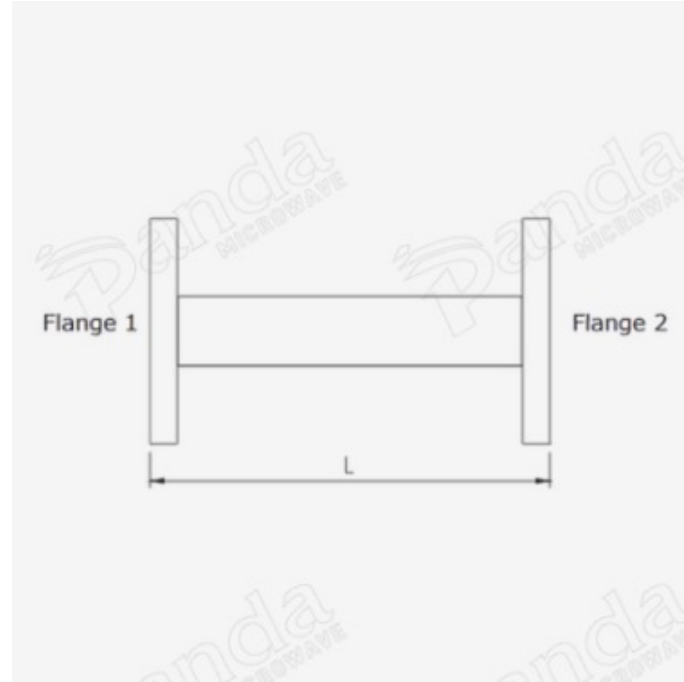
- Freq. Range : DC to 110 GHz
- Phase matched adapters
- Captivated Center Contact
- Low VSWR and insertion loss



02

STRAIGHT WAVEGUIDE

Your RF & Microwave Components Source



Type

- RECTANGULAR STRAIGHT WAVEGUIDE
- DOUBLE RIDGE STRAIGHT WAVEGUIDE
- INFLATABLE STRAIGHT WAVEGUIDE

Features

- Up to 75GHz
- Material : AI or Cu

<https://pandamw.com/straight-waveguide/>

02

WAVEGUIDE BEND

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Type

- WAVEGUIDE ARC BEND
- WAVEGUIDE MITER BEND

Features

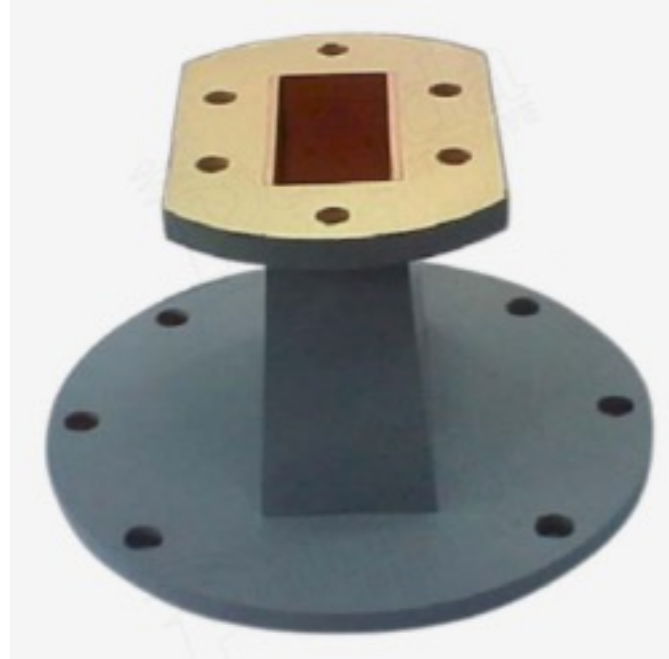
- WR430 to WR15
- Low VSWR
- Material : AI or Cu

<https://pandamw.com/waveguide-bend/>

02

WAVEGUIDE TRANSITION

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Type

- RECTANGULAR TO RECTANGULAR
- RECTANGULAR TO CIRCULAR

Features

- WR650 to WR19
- Al or Cu

<https://pandamw.com/waveguide-transition/>

02

WAVEGUIDE TO COAXIAL ADAPTER

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Type

- RIGHT ANGLE
- END LAUNCH
- HIGH POWER

Features

- WR230 to WR15
- N , SMA, 2.92mm, 2.4mm, 1.85mm
- AI or Cu

<https://pandamw.com/waveguide-to-coaxial-adapter/>

02

WAVEGUIDE TERMINATION

Your RF & Microwave Components Source



Type

- LOW POWER TERMINATION
- HIGH POWER TERMINATION
- SLIDING TERMINATION

Features

- 10W to 4000W
- Low VSWR
- AI or Cu

<https://pandamw.com/waveguide-termination/>

02

DC to 67GHz Calibration Kits

Your RF & Microwave Components Source



Features

- Wide variety, covering various coaxial and waveguide calibration kits
- High calibration precision
- Good repeatability

<https://pandamw.com/dc-to-67ghz-calibration-kits/>



HUAWEI



KEYSIGHT
TECHNOLOGIES

CETIC



ELHYTE

C&K Technologies, Inc.



Anniska
Amerikanska Teleprodukter AB

SEMATRON ESPAÑA
S.L.

Ingeniería y Comunicación

COOPERATIVE PARTNER



SINCRON
COMPONENTI PER L'ELETTRONICA

PANDA MICROWAVE LIMITED

Your RF & Microwave Components Source



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