Description

US/PD/8/8.5-RF is 6-Way power divider with a frequency range of 8 to 8.5 GHz. The forward power of this power divider is 2W. The Insertion Loss is 1dB with a typical isolation of 18dB. The working temperature of this product is from 0 to +85°C.

Features

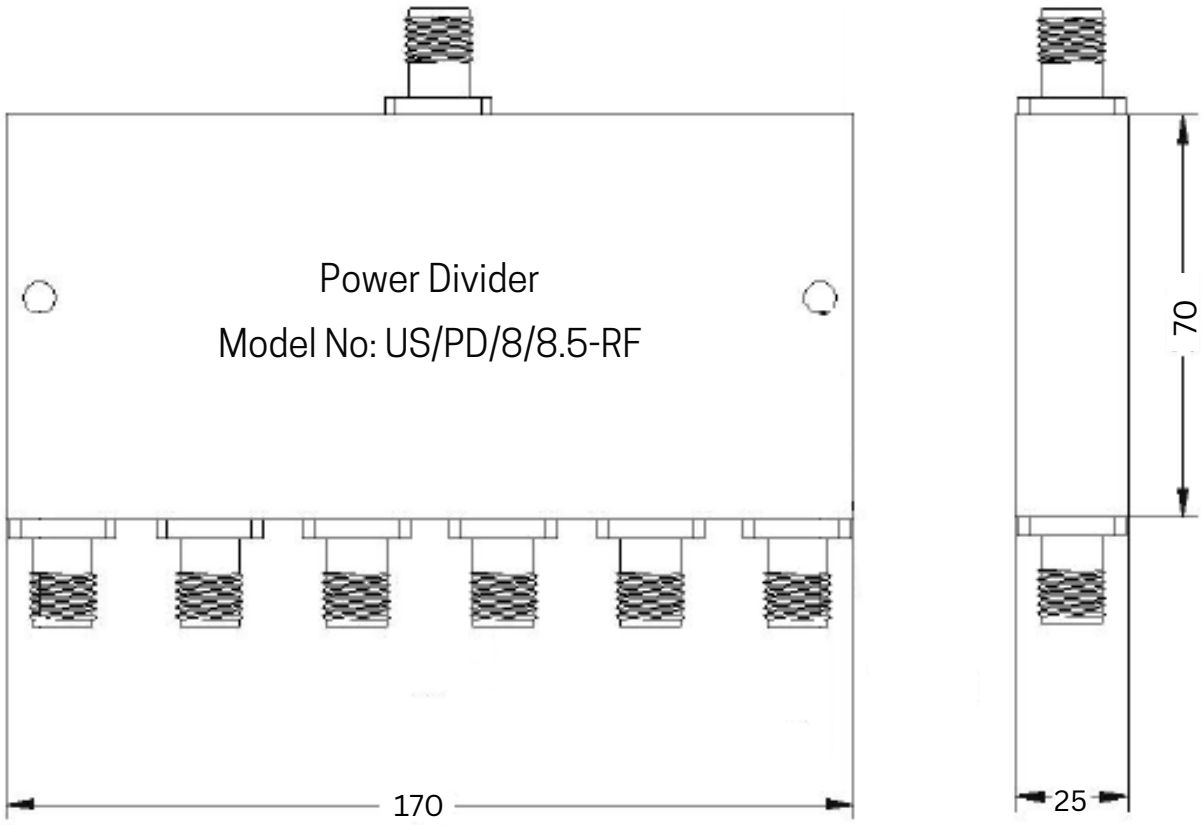
- High power handling up to 2W.
- Wide band operation.
- High isolation within operational band.
- Low Insertion Loss.
- Female Contact is gold plated beryllium brass.
- Finishing is painted to protect from corrosion.
- Also available for different frequency ranges.
- Customization can be made based on the application requirement of the customer.

Specifications

Electrical Characteristics	
Frequency Range	8000 - 8500 MHz
Type	1:6 Way power divider
Insertion Loss	< 1 dB (Excluding theoretical loss)
Isolation	Better than 18 dB
Input VSWR	Better than 1.4:1
Output VSWR	Better than 1.4:1
Amplitude imbalance	-0.5 dB to +0.5 dB
Phase imbalance	- 5° to +5°
Power Handling	2W CW max.
Impedance	50 Ohms

Mechanical Parameters	
Input Connector	SMA Female
Output Connector	SMA Female
Operating Temperature	0 to + 50 °C
Humidity	up to 90% (Non-Condensing)
Dimensions	170 x 70 x 25 mm approx.

Drawings



Applications

- Wireless Infrastructure
- Military & Aerospace
- Test Instrumentation
- Radar Systems
- 5G Wireless Communications
- Microwave Radio Systems
- TR Modules
- Research & Development
- Cellular Base Stations

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4-Way Power Divider

Model No: US/PD/4/140-VHF

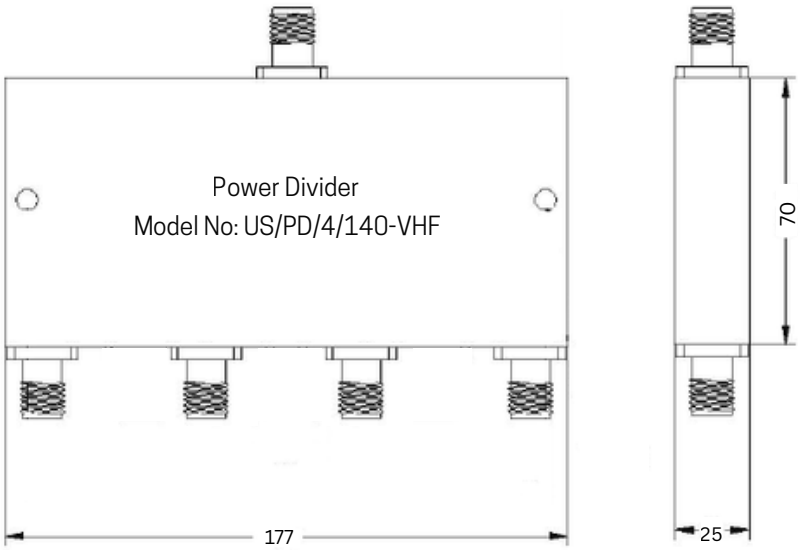
Features

- High power handling up to 150W.
- Wide band operation.
- High isolation within operational band.
- Low Insertion Loss.
- Female Contact is gold plated beryllium brass.
- Finishing is painted to protect from corrosion.
- Also available for different frequency ranges.
- Customization can be made based on the application requirement of the customer.

Specifications

Electrical Characteristics	
Frequency Range	130 - 150 MHz
Type	1:4 Way power divider
Insertion Loss	≤ 1 dB (Excluding theoretical loss)
Isolation	≥ 18 dB
Return Loss	≥ 17 dB
Power Handling	15W CW
Impedance	50 Ohms
Input Connector	N Female
Output Connector	N Female
Operating Temperature	-30 to + 70 °C
Dimensions	177 x 70 x 25 mm approx.

Drawings



Applications

- Wireless Infrastructure
- Military & Aerospace
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2-Way Power Divider

Model No: US/PD/2/505

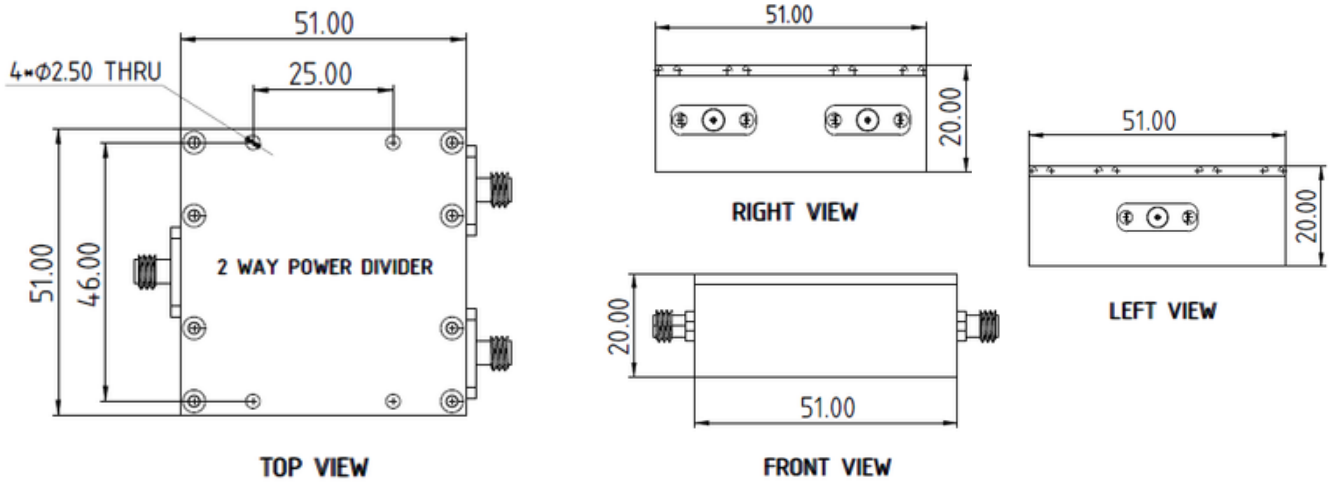
Features

- Power handling up to 1W.
- Wide band operation.
- High isolation within operational band.
- Low Insertion Loss.
- Customization can be made based on the application requirement of the customer.

Specifications

Electrical Characteristics	
Frequency Range	10 - 1000 MHz
Type	1:2 Way power divider
No. of Output Ports	2
Isolation	⩾ 18 dB
Input VSWR	⩽ 1.3:1
Output VSWR	⩽ 1.3:1
Phase at Output Ports	In Phase with in ±5° (max)
Power Handling	1W (max)
Impedance	50 Ohms
Input Connector	SMA Female
Output Connector	SMA Female
Operating Temperature	0 to + 50 °C
Dimensions	51 x 51 x 20 mm approx.

Drawings



Applications

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2-Way Power Divider

Model No: US/PD/2/70

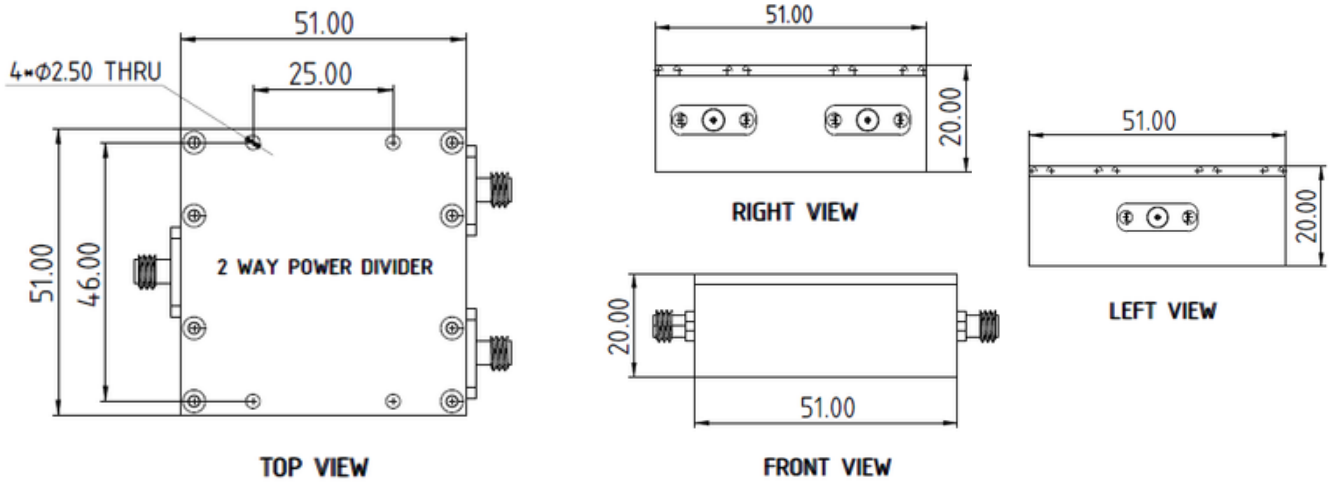
Features

- Power handling up to 1W.
- Wide band operation.
- High isolation within operational band.
- Low Insertion Loss.
- Customization can be made based on the application requirement of the customer.

Specifications

Electrical Characteristics	
Frequency Range	50 - 90 MHz
Type	1:2 Way power divider
No. of Output Ports	2
Isolation	⩾ 18 dB
Amplitude Balance	⩽ 0.5 dB
Return Loss	⩾ 15 dB
Power Handling	0.5W (min)
Impedance	50 Ohms
Input Connector	BNC Female
Output Connector	BNC Female
Operating Temperature	0 to + 50 °C
Dimensions	51 x 51 x 20 mm approx.

Drawings



Applications

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2-Way Power Divider

Model No: US/PD/2/6875

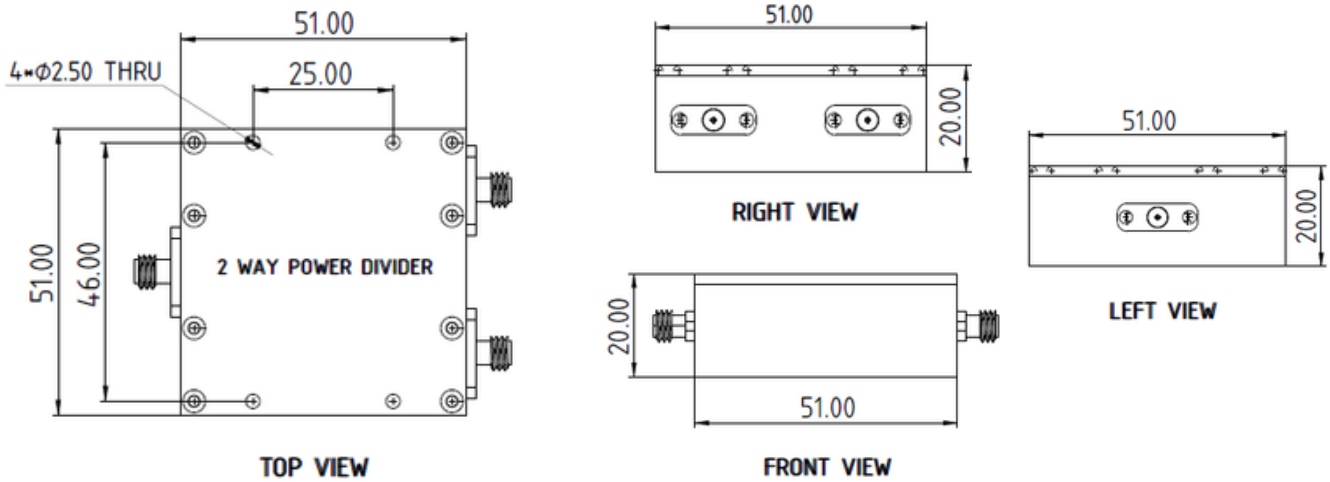
Features

- Power handling up to 1W.
- Wide band operation.
- High isolation within operational band.
- Low Insertion Loss.
- Customization can be made based on the application requirement of the customer.

Specifications

Electrical Characteristics	
Frequency Range	6725 - 7025 MHz
Type	1:2 Way power divider
No. of Output Ports	2
Isolation	⩾ 18 dB
Amplitude Balance	⩽ 0.5 dB
Return Loss	⩾ 15 dB
Power Handling	1W (min)
Impedance	50 Ohms
Input Connector	N Female
Output Connector	N Female
Operating Temperature	0 to + 50 °C
Dimensions	51 x 51 x 20 mm approx.

Drawings



Applications

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2-Way Power Divider

Model No: US/PD/2/4650

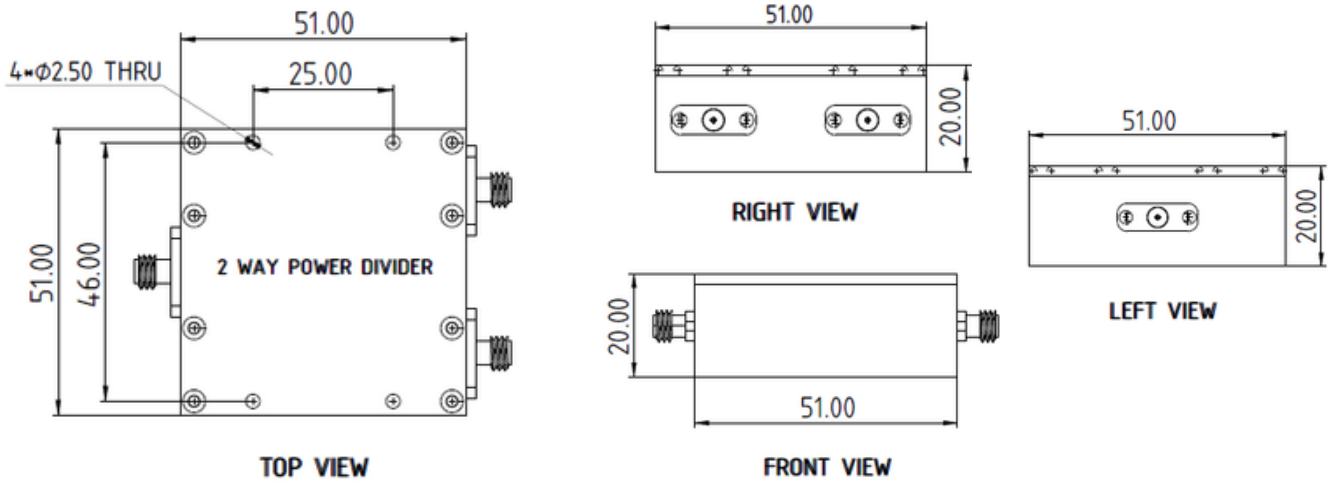
Features

- Power handling up to 1W.
- Wide band operation.
- High isolation within operational band.
- Low Insertion Loss.
- Customization can be made based on the application requirement of the customer.

Specifications

Electrical Characteristics	
Frequency Range	4500 - 4800 MHz
Type	1:2 Way power divider
No. of Output Ports	2
Isolation	⩾ 18 dB
Amplitude Balance	⩽ 0.5 dB
Return Loss	⩾ 15 dB
Power Handling	0.5W (min)
Impedance	50 Ohms
Input Connector	N Female
Output Connector	N Female
Operating Temperature	0 to + 50 °C
Dimensions	51 x 51 x 20 mm approx.

Drawings



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2-Way Power Divider

Model No: US/PD/2/1475

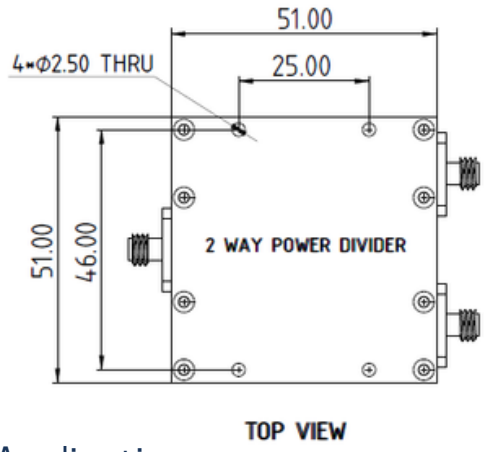
Features

- Power handling up to 1W.
- Wide band operation.
- High isolation within operational band.
- Low Insertion Loss.
- Customization can be made based on the application requirement of the customer.

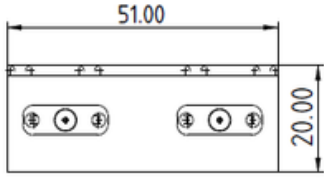
Specifications

Electrical Characteristics	
Frequency Range	950 - 2000 MHz
Type	1:2 Way power divider
No. of Output Ports	2
Isolation	⩾ 18 dB
Amplitude Balance	⩽ 0.5 dB
Return Loss	⩾ 15 dB
Power Handling	0.5W (min)
Impedance	50 Ohms
Input Connector	N Female
Output Connector	N Female
External Reference	10 MHz
Power Supply	Port 1&2:DC Pass ; Port 3: ⩾ 30VDC
Operating Temperature	0 to + 50 °C
Dimensions	51 x 51 x 20 mm approx.

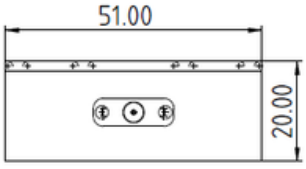
Drawings



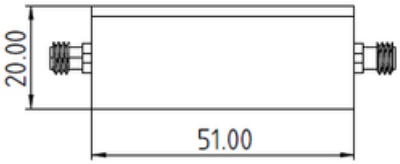
TOP VIEW



RIGHT VIEW



LEFT VIEW



FRONT VIEW

Applications

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- Military & Aerospace
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4-Way Power Divider

Model No: US/PD/4/70

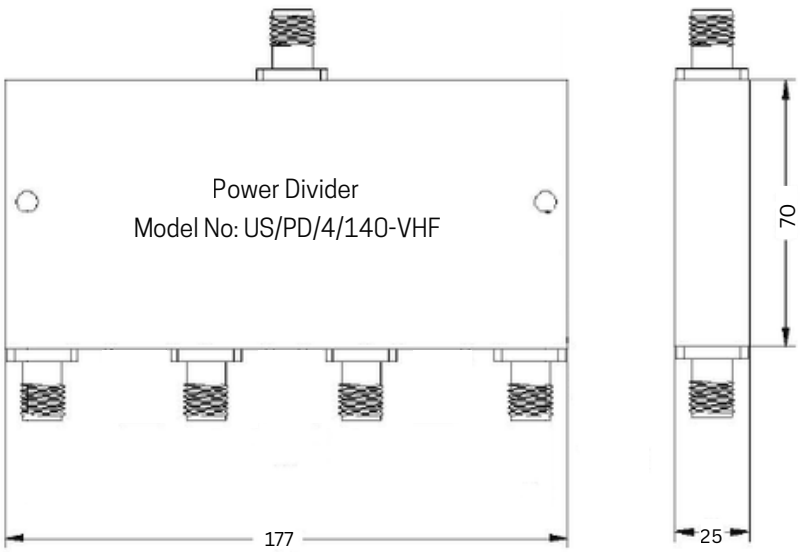
Features

- High power handling up to 150W.
- Wide band operation.
- High isolation within operational band.
- Low Insertion Loss.
- Female Contact is gold plated beryllium brass.
- Finishing is painted to protect from corrosion.
- Also available for different frequency ranges.
- Customization can be made based on the application requirement of the customer.

Specifications

Electrical Characteristics	
Frequency Range	50 - 90 MHz
Type	1:4 Way power divider
Isolation	⩾ 18 dB
Return Loss	⩾ 15 dB
Amplitude Balance	⩽ 0.5 dB
Power Handling	0.5W (min)
Impedance	50 Ohms
Input Connector	BNC Female
Output Connector	BNC Female
Operating Temperature	-30 to + 70 °C
Dimensions	177 x 70 x 25 mm approx.

Drawings



Applications

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4-Way Power Divider

Model No: US/PD/4/1475

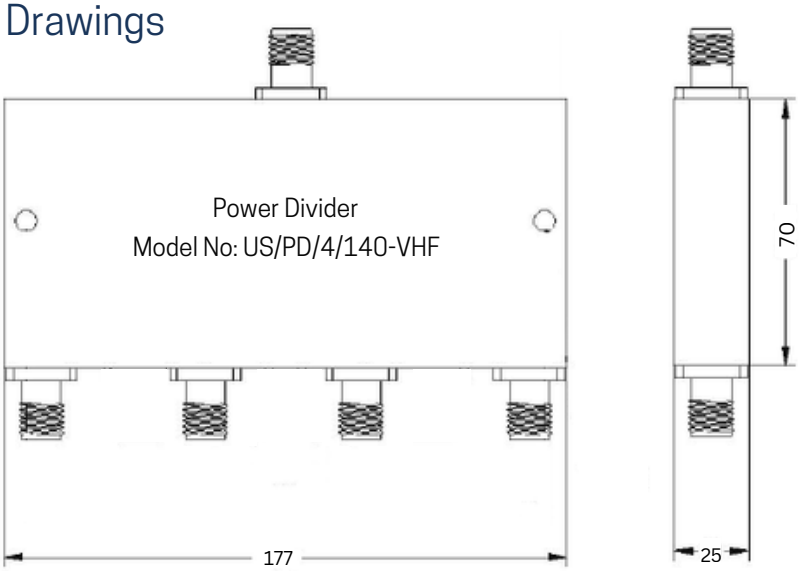
Features

- High power handling up to 150W.
- Wide band operation.
- High isolation within operational band.
- Low Insertion Loss.
- Female Contact is gold plated beryllium brass.
- Finishing is painted to protect from corrosion.
- Also available for different frequency ranges.
- Customization can be made based on the application requirement of the customer.

Specifications

Electrical Characteristics	
Frequency Range	950 - 2000 MHz
Type	1:4 Way power divider
Isolation	≥ 18 dB
Return Loss	≥ 15 dB
Amplitude Balance	≤ 0.5 dB
Power Handling	0.5W (min)
Impedance	50 Ohms
Input Connector	N Female
Output Connector	N Female
External Reference	10MHz
Power	I/p Ports: DC Pass ; O/p Ports: DC Pass in 1port, all other ports ≥ 30VDC
Operating Temperature	-30 to + 70 °C
Dimensions	177 x 70 x 25 mm approx.

Drawings



Applications

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8-Way Power Divider

Model No: US/PD/8/1000

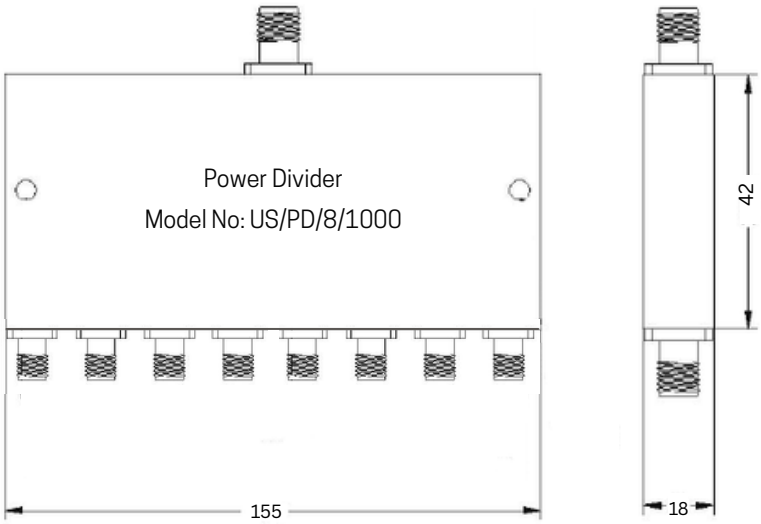
Features

- High power handling.
- Wide band operation.
- High isolation within operational band.
- Low Insertion Loss.
- Finishing is painted to protect from corrosion.
- Also available for different frequency ranges.
- Customization can be made based on the application requirement of the customer.

Specifications

Electrical Characteristics	
Frequency Range	5 - 1000 MHz
Type	1:8 Way power divider
Isolation	⩾ 16 dB
Insertion Loss	⩽ 12 dB
Amplitude Unbalance	⩽ 0.5 dB
Phase Unbalance	15° max
VSWR	1.5:1
Input Power	20 dBm
Impedance	50 Ohms
Input Connector	SMA Female
Output Connector	SMA Female
Dimensions	155 x 42 x 18 mm approx.

Drawings



Applications

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- Military & Aerospace
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8-Way Power Divider

Model No: US/PD/8/2250

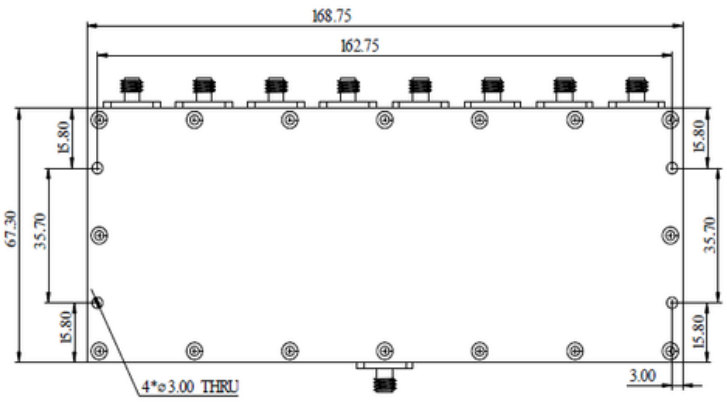
Features

- High power handling.
- Wide band operation.
- High isolation within operational band.
- Low Insertion Loss.
- Finishing is painted to protect from corrosion.
- Also available for different frequency ranges.
- Customization can be made based on the application requirement of the customer.

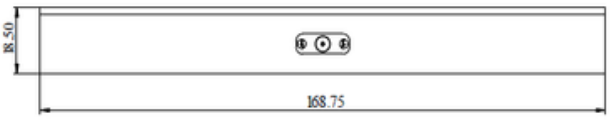
Specifications

Electrical Characteristics	
Frequency Range	2.2 - 2.3 GHz
Type	1:8 Way power divider
Isolation	⩾ 18 dB
Insertion Loss	⩽ 1.5 dB (excluding theoretical loss)
Amplitude Unbalance	⩽ 0.5 dB
Phase Unbalance	±10°
VSWR	1.4:1
Power Handling	5W min.
Impedance	50 Ohms
Input Connector	SMA Female
Output Connector	SMA Female
Operating Temperature	0 to +50°C
Dimensions	168.75 x 67.3 x 18.5 mm approx.

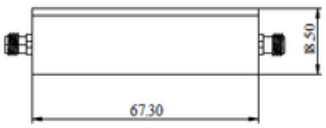
Drawings



TOP VIEW



FRONT VIEW



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2-Way Power Divider

Model No: US/PD/2/2250

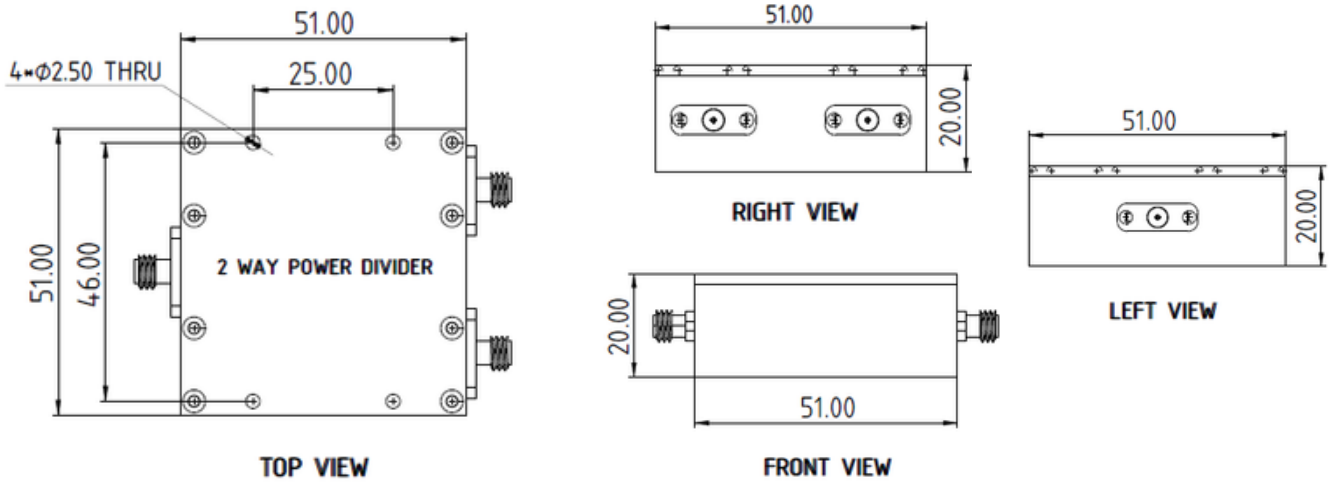
Features

- Power handling up to 10W.
- Wide band operation.
- High isolation within operational band.
- Low Insertion Loss.
- Customization can be made based on the application requirement of the customer.

Specifications

Electrical Characteristics	
Frequency Range	2200 - 2300 MHz
Type	1:2 Way power divider
No. of Output Ports	2
Isolation	⩾ 25 dBm
Amplitude Balance	⩽ +/- 0.5 dB
Phase Balance	⩽ +/- 3°
Return Loss	⩾ 23 dB
Insertion Loss	< 1.0 dB
Nominal Split	3.01+/-0.3 dBm
Power Handling	⩽ 10W
Impedance	50 Ohms
Input Connector	N Female
Output Connector	N Female
Operating Temperature	-55°C to + 85 °C
Weight	<150g approx.

Drawings



Applications

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4-Way Power Divider

Model No: US/PD/4/2250

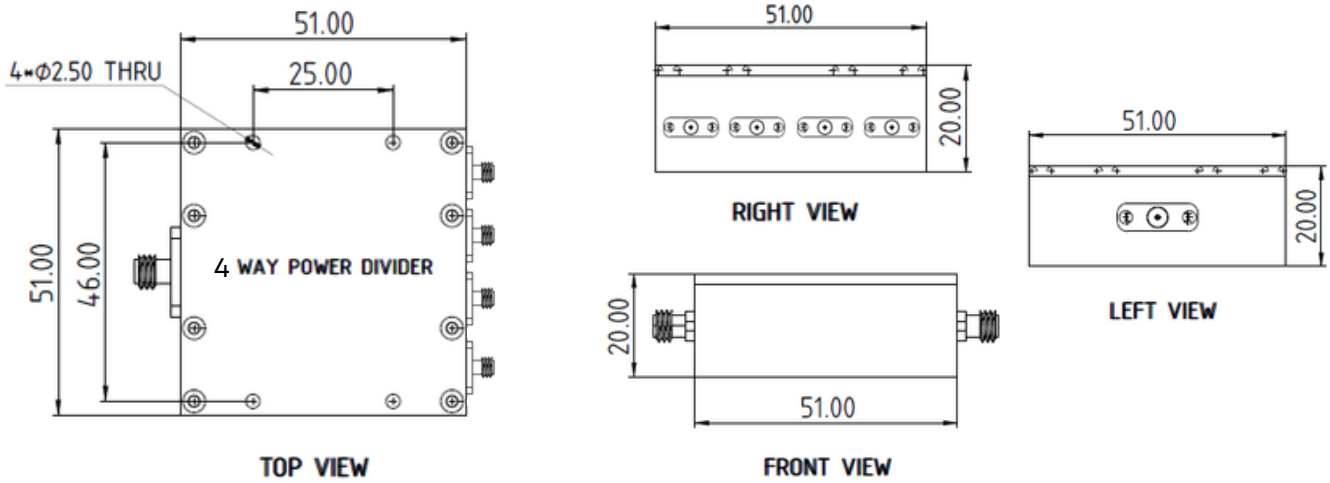
Features

- Power handling up to 10W.
- Wide band operation.
- High isolation within operational band.
- Low Insertion Loss.
- Customization can be made based on the application requirement of the customer.

Specifications

Electrical Characteristics	
Frequency Range	2200 - 2300 MHz
Type	1:4 Way power divider
No. of Output Ports	4
Isolation	⩾ 25 dBm
Amplitude Balance	⩽ +/- 0.5 dB
Phase Balance	⩽ +/- 3°
Return Loss	⩾ 23 dB
Insertion Loss	< 1.0 dB
Nominal Split	6.0+/-0.3 dBm
Power Handling	⩽ 10W
Impedance	50 Ohms
Input Connector	N Female
Output Connector	N Female
Operating Temperature	-55°C to + 85 °C
Weight	<150g approx.

Drawings



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2-Way Power Divider

Model No: US/PD/2/3900

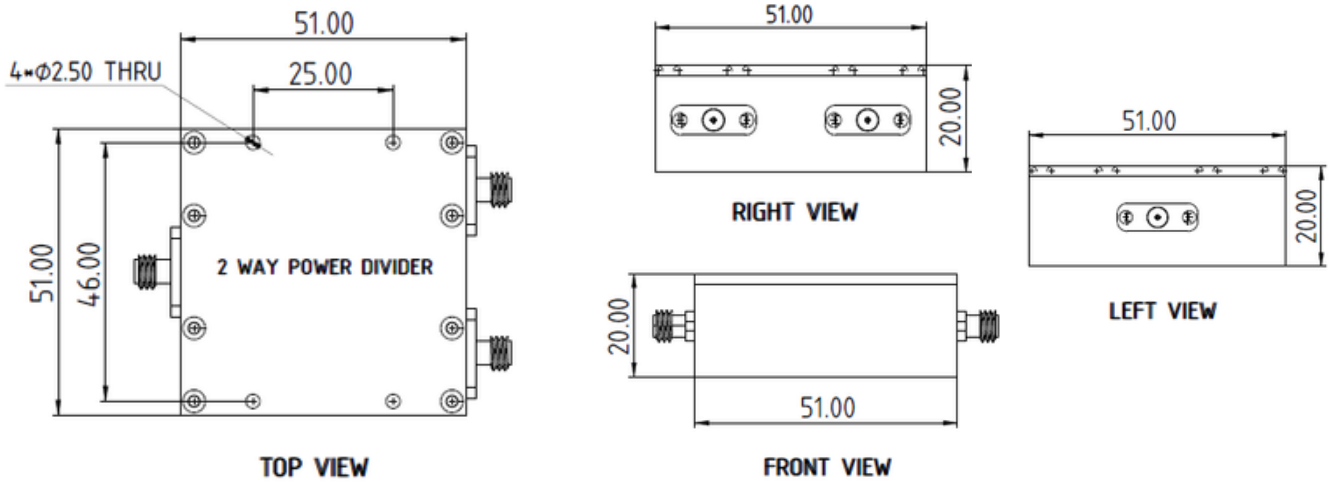
Features

- Power handling Capacity
- Wide band operation.
- High isolation within operational band.
- Low Insertion Loss.
- Customization can be made based on the application requirement of the customer.

Specifications

Electrical Characteristics	
Frequency Range	3600 - 4200 MHz
Type	1:2 Way power divider
No. of Output Ports	2
Isolation	> 18 dB
Amplitude Balance	⩽ +/- 0.5 dB
Phase Balance	⩽ +/- 3°
Return Loss	> 15 dB
Insertion Loss	< 0.7 dB
Impedance	50 Ohms
Input Connector	N Female
Output Connector	N Female
Operating Temperature	-55°C to + 85 °C
Weight	<150g approx.
Dimensions	51x51x20 mm Approx.

Drawings



Applications

- Wireless Infrastructure
- Military & Aerospace
- Test Instrumentation
- Radar Systems
- 5G Wireless Communications
- Microwave Radio Systems
- TR Modules
- Research & Development
- Cellular Base Stations

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2-Way Power Divider

Model No: US/PD/2/5000

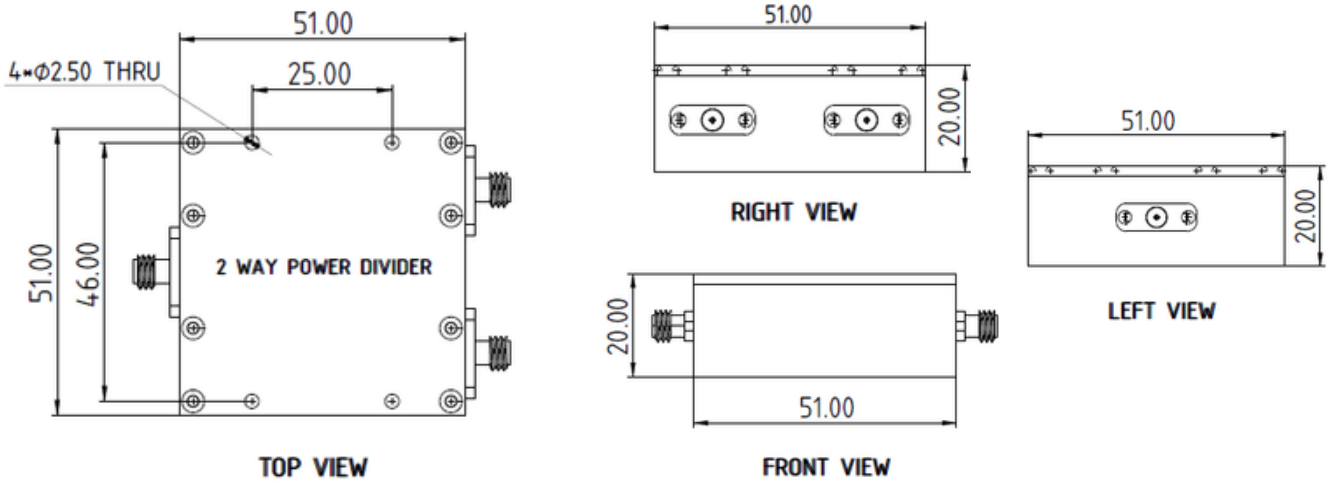
Features

- Power handling Capacity
- Wide band operation.
- High isolation within operational band.
- Low Insertion Loss.
- Customization can be made based on the application requirement of the customer.

Specifications

Electrical Characteristics	
Frequency Range	4500 - 5500 MHz
Type	1:2 Way power divider
No. of Output Ports	2
Isolation	> 18 dB
Amplitude Balance	⩽ +/- 0.5 dB
Phase Balance	⩽ +/- 3°
Return Loss	> 15 dB
Insertion Loss	< 0.7 dB
Impedance	50 Ohms
Input Connector	N Female
Output Connector	N Female
Operating Temperature	-55°C to + 85 °C
Weight	<150g approx.
Dimensions	51x51x20 mm Approx.

Drawings



Applications

- Wireless Infrastructure
- Military & Aerospace
- Test Instrumentation
- Radar Systems
- 5G Wireless Communications
- Microwave Radio Systems
- TR Modules
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2-Way Hybrid Power Divider

Model No: US/HPD/2/180/310

Features

- Power handling Capacity
- Wide band operation.
- High isolation within operational band.
- Low Insertion Loss.
- Customization can be made based on the application requirement of the customer.

Specifications

Electrical Characteristics	
Frequency Range	120 MHz - 500 MHz
Type	1:2 Way power divider
No. of Ports	4 (Sum Port, Port-1 & Port-2, Not used)
Isolation	⩾ 17 dB (B/W Port-1 & Port-2)
Amplitude Unbalance (B/w sum port-1 & port-2)	⩽ 0.20 dB (120MHz - 250MHz) ⩽ 0.35 dB (250MHz - 500MHz)
Phase Unbalance (B/w sum port-1 & port-2)	⩽ 8° (120MHz - 250MHz) ⩽ 10° (250MHz - 500MHz)
Phase Difference B/w ports (port-1 & port-2)	180°± Phase Unbalance
Insertion Loss Sum port to port-1 Sum port to port-2	⩽ 0.85 dB (120MHz - 250MHz) ⩽ 1.50 dB (250MHz - 500MHz)
Impedance	50 Ohms
Input/Output Connector	SMA Female
VSWR (at Sum Port)	⩽ 1.5:1 dB (100MHz - 250MHz) ⩽ 1.95:1 dB (250MHz - 500MHz)
VSWR (at port-1 & port-2)	⩽ 1.7:1 dB (100MHz - 250MHz) ⩽ 2.35:1 dB (250MHz - 500MHz)
Power Input	5W max (as Splitter)
Operating Temperature	-55°C to + 100 °C
Storage Temperature	-55°C to + 100 °C
Weight	⩽ 250g
Dimensions	⩽ 80 x 80 x 30 mm.

Applications

- Wireless Infrastructure
- Military & Aerospace
- Test Instrumentation
- Radar Systems
- 5G Wireless Communications
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2-Way Hybrid Power Divider

Model No: US/HPD/2/90/450

Features

- Power handling Capacity
- Wide band operation.
- High isolation within operational band.
- Low Insertion Loss.
- Customization can be made based on the application requirement of the customer.

Specifications

Electrical Characteristics	
Frequency Range	380 MHz - 520 MHz
Type	1:2 Way power divider
No. of Ports	4 (Input Port, Port-1 & Port-2, 50Ω Ext)
Isolation	⩾ 16 dB (B/W Port-1 & Port-2)
Amplitude Unbalance (B/w sum port-1 & port-2)	⩽ 1.35 dB
Phase Unbalance (B/w sum port-1 & port-2)	⩽ 6°
Phase Difference B/w ports (port-1 & port-2)	90°± Phase Unbalance
Insertion Loss	⩽ 0.95 dB
Impedance	50 Ohms
Input/Output Connector	SMA Female
VSWR (at Sum Port)	⩽ 1.35:1 dB
VSWR (at port-1 & port-2)	⩽ 1.5:1 dB
Power Input	10W max (as Splitter)
Operating Temperature	-45°C to + 85 °C
Storage Temperature	-55°C to + 100 °C
Weight	⩽ 100g
Dimensions	⩽ 60 x 50 x 30 mm.

Applications

- Wireless Infrastructure
- Military & Aerospace
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2-Way Hybrid Power Divider

Model No: US/HPD/2/90/145

Features

- Power handling Capacity
- Wide band operation.
- High isolation within operational band.
- Low Insertion Loss.
- Customization can be made based on the application requirement of the customer.

Specifications

Electrical Characteristics	
Frequency Range	120 MHz - 170 MHz
Type	1:2 Way power divider
No. of Ports	3 (Sum Port, Port-1 & Port-2)
Isolation	⩾ 15 dB (B/W Port-1 & Port-2)
Amplitude Unbalance (B/w sum port-1 & port-2)	⩽ 1.25 dB
Phase Unbalance (B/w sum port-1 & port-2)	⩽ 5°
Phase Difference B/w ports (port-1 & port-2)	90°± Phase Unbalance
Insertion Loss	⩽ 0.75 dB
Impedance	50 Ohms
Input/Output Connector	SMA Female
VSWR (at Sum Port)	⩽ 1.2:1 dB
VSWR (at port-1 & port-2)	⩽ 1.2:1 dB
Power Input	1W max (as Splitter)
Operating Temperature	-55°C to + 100 °C
Storage Temperature	-55°C to + 100 °C
Weight	⩽ 100g
Dimensions	⩽ 60 x 60 x 60 mm.

Applications

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2-Way Power Divider

Model No: US/PD/2/9250

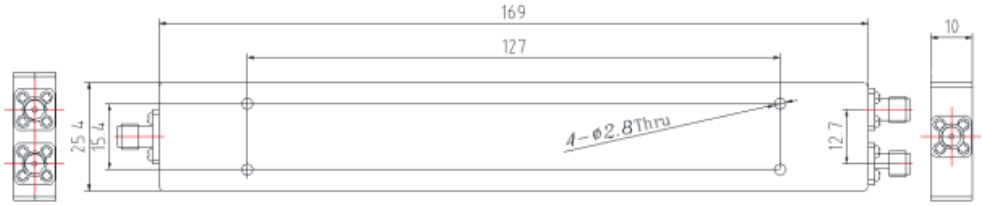
Features

- Power handling Capacity
- Wide band operation.
- High isolation within operational band.
- Low Insertion Loss.
- Customization can be made based on the application requirement of the customer.

Specifications

Electrical Characteristics	
Frequency Range	500 - 18000 MHz
Type	1:2 Way power divider
No. of Ports	3 (Sum Port, Port-1 & Port-2)
Isolation	⩾ 14 dB
Amplitude Unbalance	± 0.7 dB
Phase Unbalance	⩽ 6°
Insertion Loss	⩽ 2 dB (excluding inherent 3dB power split loss)
VSWR (at Sum Port)	⩽ 1.8:1 dB
VSWR (at port-1 & port-2)	⩽ 1.8:1 dB
Impedance	50 Ohms
Input/Output Connector	SMA Female

Drawing



Unit: mm, tolerance=±0.5mm

Applications

- Wireless Infrastructure
- Military & Aerospace
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2-Way Power Divider

Model No: US/PD/2/2250/N

Features

- Power handling Capacity.
- Good Finishing.
- High isolation within operational band.
- Low Insertion Loss.
- Customization can be made based on the application requirement of the customer.

Specifications

Electrical Characteristics	
Frequency Range	2200 - 2300 MHz
Type	1:2 Way power divider
No. of Output Ports	2
Isolation	≥ 17 dB
Amplitude Balance	≤ +/- 1.0 dB
Phase Balance	≤ +/- 10°
VSWR	≤ 1.7:1
Insertion Loss	0.5dB max
Power Handling	1W min.
Impedance	50 Ohms
Input Connector	N Female
Output Connector	N Female
Operating Temperature	0°C to + 50 °C
Dimensions	65x45x20mm max.

Applications

- Wireless Infrastructure
- Military & Aerospace
- Test Instrumentation
- Radar Systems
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4-Way Power Divider

Model No: US/PD/4/2250/N

Features

- Power handling Capacity.
- Good Finishing.
- High isolation within operational band.
- Low Insertion Loss.
- Customization can be made based on the application requirement of the customer.

Specifications

Electrical Characteristics	
Frequency Range	2200 - 2300 MHz
Type	1:4 Way power divider
No. of Output Ports	4
Isolation	≥ 17 dB
Amplitude Balance	≤ +/- 1.0 dB
Phase Balance	≤ +/- 10°
VSWR	≤ 1.7:1
Insertion Loss	1.5dB max
Power Handling	1W min.
Impedance	50 Ohms
Input Connector	N Female
Output Connector	N Female
Operating Temperature	0°C to + 50 °C
Dimensions	95x80x20mm max.

Applications

- Wireless Infrastructure
- Military & Aerospace
- Test Instrumentation
- Radar Systems
- 5G Wireless Communications
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6-Way Power Divider

Model No: US/PD/6/2250/N

Features

- Power handling Capacity.
- Good Finishing.
- High isolation within operational band.
- Low Insertion Loss.
- Customization can be made based on the application requirement of the customer.

Specifications

Electrical Characteristics	
Frequency Range	2200 - 2300 MHz
Type	1:6 Way power divider
No. of Output Ports	6
Isolation	≥ 17 dB
Amplitude Balance	≤ +/- 1.0 dB
Phase Balance	≤ +/- 10°
VSWR	≤ 1.7:1
Insertion Loss	1.5dB max
Power Handling	1W min.
Impedance	50 Ohms
Input Connector	N Female
Output Connector	N Female
Operating Temperature	0°C to + 50 °C
Dimensions	135x135x20mm max.

Applications

- Wireless Infrastructure
- Military & Aerospace
- Test Instrumentation
- Radar Systems
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2-Way Power Divider

Model No: US/PD/2/2250/SMA

Features

- Power handling Capacity.
- Good Finishing.
- High isolation within operational band.
- Low Insertion Loss.
- Customization can be made based on the application requirement of the customer.

Specifications

Electrical Characteristics	
Frequency Range	2200 - 2300 MHz
Type	1:2 Way power divider
No. of Output Ports	2
Isolation	≥ 17 dB
Amplitude Balance	≤ +/- 1.0 dB
Phase Balance	≤ +/- 10°
VSWR	≤ 1.7:1
Insertion Loss	0.5dB max
Power Handling	1W min.
Impedance	50 Ohms
Input Connector	SMA Female
Output Connector	SMA Female
Operating Temperature	0°C to + 50 °C
Dimensions	30x40x10mm max.

Applications

- Wireless Infrastructure
- Military & Aerospace
- Test Instrumentation
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4-Way Power Divider

Model No: US/PD/4/2250/SMA

Features

- Power handling Capacity.
- Good Finishing.
- High isolation within operational band.
- Low Insertion Loss.
- Customization can be made based on the application requirement of the customer.

Specifications

Electrical Characteristics	
Frequency Range	2200 - 2300 MHz
Type	1:4 Way power divider
No. of Output Ports	4
Isolation	≥ 17 dB
Amplitude Balance	≤ +/- 1.0 dB
Phase Balance	≤ +/- 10°
VSWR	≤ 1.7:1
Insertion Loss	1.5dB max
Power Handling	1W min.
Impedance	50 Ohms
Input Connector	SMA Female
Output Connector	SMA Female
Operating Temperature	0°C to + 50 °C
Dimensions	60x70x10mm max.

Applications

- Wireless Infrastructure
- Military & Aerospace
- Test Instrumentation
- Radar Systems
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6-Way Power Divider

Model No: US/PD/6/2250/SMA

Features

- Power handling Capacity.
- Good Finishing.
- High isolation within operational band.
- Low Insertion Loss.
- Customization can be made based on the application requirement of the customer.

Specifications

Electrical Characteristics	
Frequency Range	2200 - 2300 MHz
Type	1:6 Way power divider
No. of Output Ports	6
Isolation	≥ 17 dB
Amplitude Balance	≤ +/- 1.0 dB
Phase Balance	≤ +/- 10°
VSWR	≤ 1.7:1
Insertion Loss	1.5dB max
Power Handling	1W min.
Impedance	50 Ohms
Input Connector	SMA Female
Output Connector	SMA Female
Operating Temperature	0°C to + 50 °C
Dimensions	105x85x10mm max.

Applications

- Wireless Infrastructure
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2-Way Power Divider

Model No: US/PD/2/7750/SMA

Features

- Power handling Capacity.
- Good Finishing.
- High isolation within operational band.
- Low Insertion Loss.
- Customization can be made based on the application requirement of the customer.

Specifications

Electrical Characteristics	
Frequency Range	7000 - 8500 MHz
Type	1:2 Way power divider
No. of Output Ports	2
Isolation	≥ 17 dB
Amplitude Balance	≤ +/- 1.0 dB
Phase Balance	≤ +/- 10°
VSWR	≤ 1.7:1
Insertion Loss	1.0dB max
Power Handling	1W min.
Impedance	50 Ohms
Input Connector	SMA Female
Output Connector	SMA Female
Operating Temperature	0°C to + 50 °C
Dimensions	30x40x10mm max.

Applications

- Wireless Infrastructure
- Military & Aerospace
- Test Instrumentation
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4-Way Power Divider

Model No: US/PD/4/7750/SMA

Features

- Power handling Capacity.
- Good Finishing.
- High isolation within operational band.
- Low Insertion Loss.
- Customization can be made based on the application requirement of the customer.

Specifications

Electrical Characteristics	
Frequency Range	7000 - 8500 MHz
Type	1:4 Way power divider
No. of Output Ports	4
Isolation	≥ 17 dB
Amplitude Balance	≤ +/- 1.0 dB
Phase Balance	≤ +/- 10°
VSWR	≤ 1.7:1
Insertion Loss	1.5dB max
Power Handling	1W min.
Impedance	50 Ohms
Input Connector	SMA Female
Output Connector	SMA Female
Operating Temperature	0°C to + 50 °C
Dimensions	60x70x10mm max.

Applications

- Wireless Infrastructure
- Military & Aerospace
- Test Instrumentation
- Radar Systems
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6-Way Power Divider

Model No: US/PD/6/7750/SMA

Features

- Power handling Capacity.
- Good Finishing.
- High isolation within operational band.
- Low Insertion Loss.
- Customization can be made based on the application requirement of the customer.

Specifications

Electrical Characteristics	
Frequency Range	7000 - 8500 MHz
Type	1:6 Way power divider
No. of Output Ports	6
Isolation	≥ 17 dB
Amplitude Balance	≤ +/- 1.0 dB
Phase Balance	≤ +/- 10°
VSWR	≤ 1.7:1
Insertion Loss	1.5dB max
Power Handling	1W min.
Impedance	50 Ohms
Input Connector	SMA Female
Output Connector	SMA Female
Operating Temperature	0°C to + 50 °C
Dimensions	105x85x10mm max.

Applications

- Wireless Infrastructure
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