

## 10 Ways RF Microstrip Power Divider

### Features

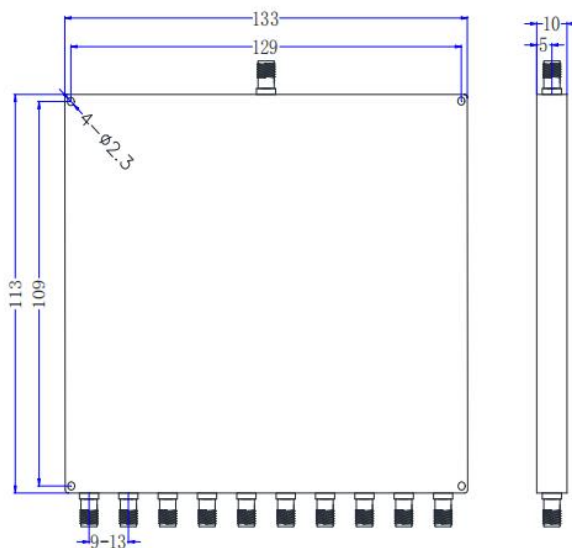
- ◆ Stable Performance, Good Reliability
- ◆ Applications for Communications/Amplifier Systems, Aerospace, Aviation and Defense
- ◆ RoHS Compliant

**Part Number: KTPD-M0530-10-SMAF**

### Electrical Specifications

<b>Part Number</b>	KTPD-M0530-10-SMAF
<b>Impedance</b>	50Ω
<b>Frequency Range</b>	0.5-3.0GHz
<b>Insertion Loss</b>	≤2.0dB (Exclusive 10.0dB Split Loss)
<b>Isolation</b>	≥17dB
<b>VSWR</b>	≤1.80
<b>Phase Balance</b>	≤ ±10 degree
<b>Amplitude Balance</b>	≤ ±1.0dB
<b>Power Handling</b>	20W (Forward Power) 2W (Reverse Power)
<b>Connector</b>	SMA - Female
<b>Operating Temperature</b>	-40 °C ~ +80 °C
<b>Storage Temperature</b>	-45 °C ~ +85 °C
<b>Body Dimension</b>	133x113x10 mm
<b>Surface Finish</b>	Grey Painting

### Outline Drawing (mm) (±0.5mm Tol.)



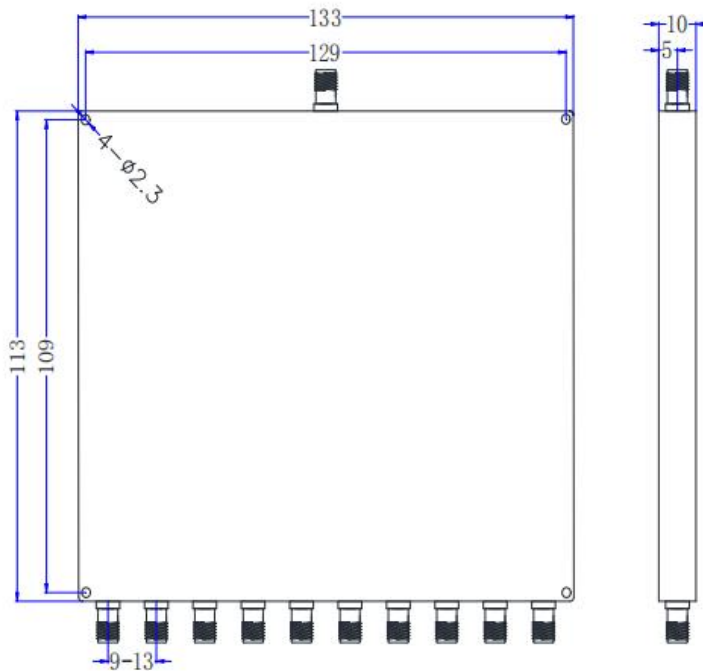
## 10 Ways RF Microstrip Power Divider

Part Number: KTPD-M0560-10-SMAF

### Electrical Specifications

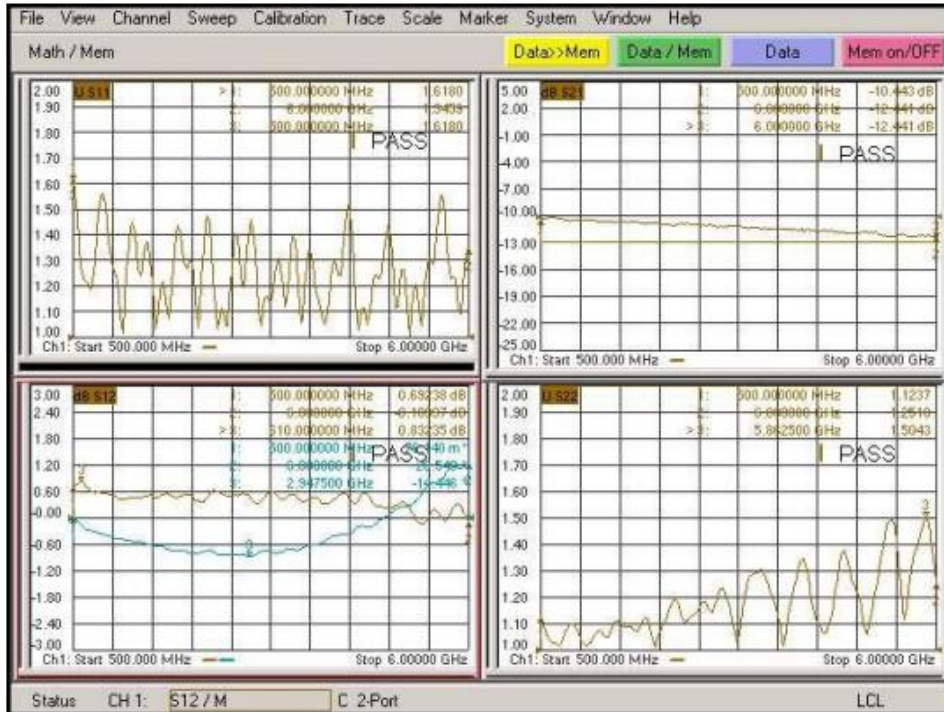
Part Number	KTPD-M0560-10-SMAF
Impedance	50Ω
Frequency Range	0.5-6.0GHz
Insertion Loss	≤3.0dB (Exclusive 10.0dB Split Loss)
Isolation	≥15dB @500-700MHz ≥18dB @700-6000MHz
VSWR	≤2.00
Phase Balance	≤ ±10 degree
Amplitude Balance	≤ ±1.0dB
Power Handling	20W (Forward Power) 2W (Reverse Power)
Connector	SMA - Female
Operating Temperature	-40 °C ~ +80 °C
Storage Temperature	-45 °C ~ +85 °C
Body Dimension	133x113x10 mm
Surface Finish	Grey Painting

### Outline Drawing (mm) (±0.5mm Tol.)

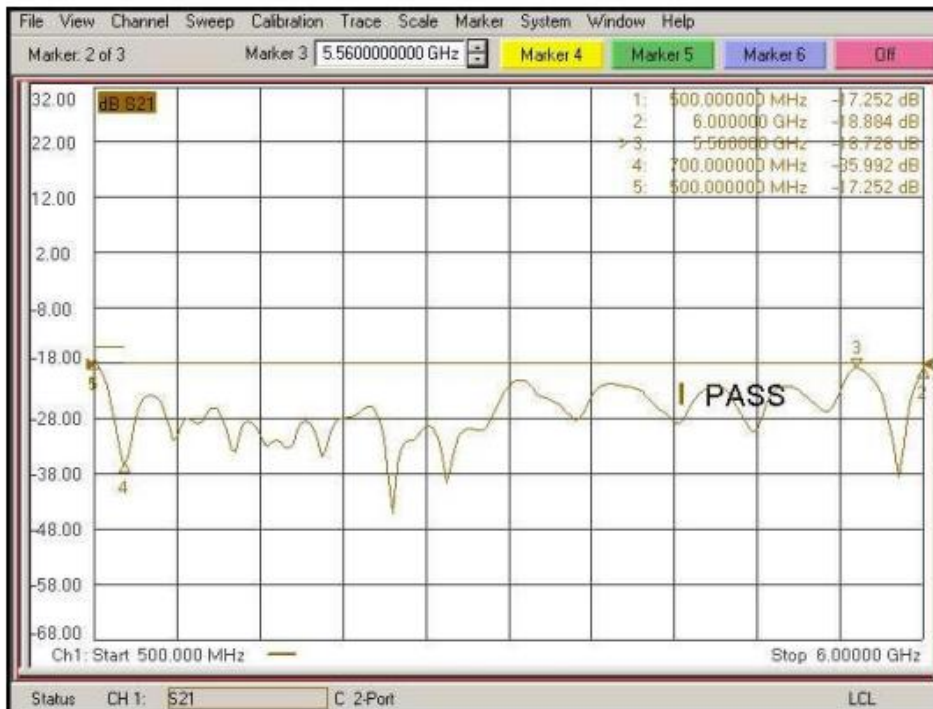


## Test Curves

### VSWR , Insertion Loss , AMP/Phase Balance



### Isolation



## 10 Ways RF Microstrip Power Divider

Part Number: KTPD-M0842-10-SMAF

### Electrical Specifications

Part Number	KTPD-M0842-10-SMAF
Impedance	50Ω
Frequency Range	0.8-4.2GHz
Insertion Loss	≤2.5dB (Exclusive 10.0dB Split Loss)
Isolation	≥18dB
VSWR	≤1.70
Phase Balance	≤ ±10 degree
Amplitude Balance	≤ ±1.0dB
Power Handling	20W (Forward Power) 2W (Reverse Power)
Connector	SMA - Female
Operating Temperature	-40 °C ~ +80 °C
Storage Temperature	-45 °C ~ +85 °C
Body Dimension	133x113x10 mm
Surface Finish	Grey Painting

### Outline Drawing (mm) (±0.5mm Tol.)

