

3 Ways RF Microstrip Power Divider

Features

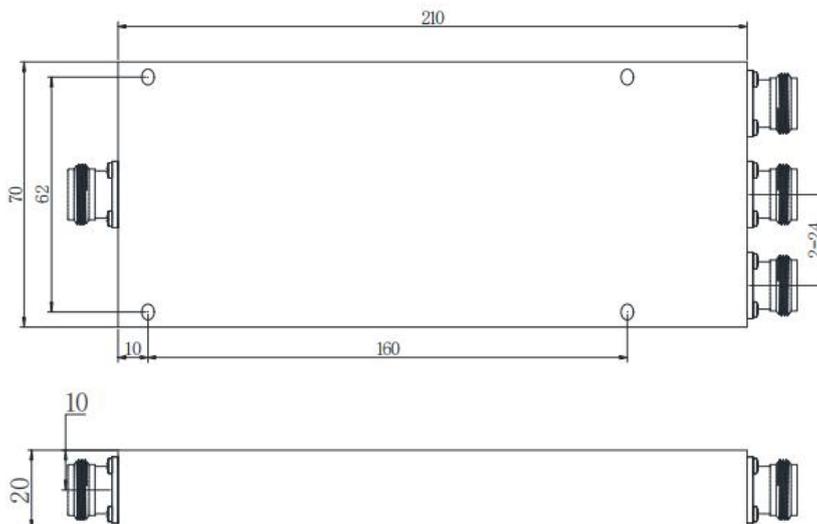
- ◆ High Reliability, High Performance
- ◆ 3 Ways RF Power Dividers can be Used as Combiners or Splitters
- ◆ RoHS Compliant

Part Number: KTPD-M013437-3-NF

Electrical Specifications

Part Number	KTPD-M013437-3-NF
Impedance	50Ω
Frequency Range	0.134-3.7GHz
Insertion Loss	≤3.6dB (Exclusive the 4.8dB Split Loss)
Isolation	≥18dB
VSWR	Input ≤1.50 Output ≤1.40
Phase Balance	≤ ±10 degree
Amplitude Balance	≤ ±0.8dB
Power Handling	20W (Forward Power) 2W (Reverse Power)
Connector	N - Female
Operating Temperature	-40 °C ~ +80 °C
Storage Temperature	-45 °C ~ +85 °C
Body Dimension	210x70x20 mm
Surface Finish	Grey Painting

Outline Drawing (mm) (±0.5mm Tol.)



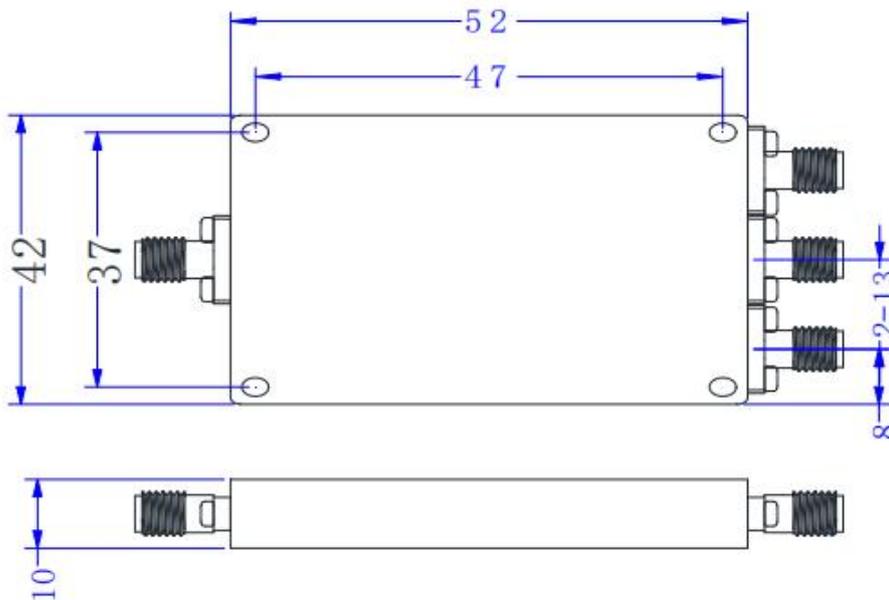
3 Ways RF Microstrip Power Divider

Part Number: **KTPD-M069827-3-SMAF**

Electrical Specifications

Part Number	KTPD-M069827-3-SMAF
Impedance	50Ω
Frequency Range	0.698-2.7GHz
Insertion Loss	≤1.0dB
Isolation	≥20dB
VSWR	Input ≤1.40 Output ≤1.30
Phase Balance	≤ ±4 degree
Amplitude Balance	≤ ±0.3dB
Power Handling	30W (Forward Power) 1W (Reverse Power)
Connector	SMA - Female
Operating Temperature	-40 °C ~ +80 °C
Storage Temperature	-45 °C ~ +85 °C
Body Dimension	52x42x10 mm
Surface Finish	Grey Painting

Outline Drawing (mm) (±0.5mm Tol.)



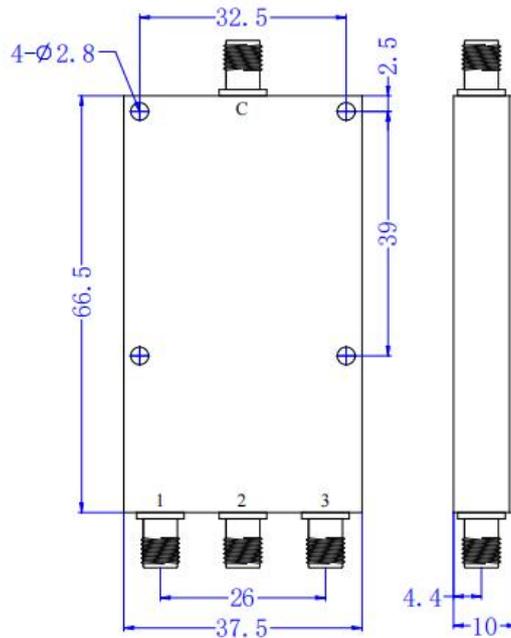
3 Ways RF Microstrip Power Divider

Part Number: KTPD-M2080-3-SMAF

Electrical Specifications

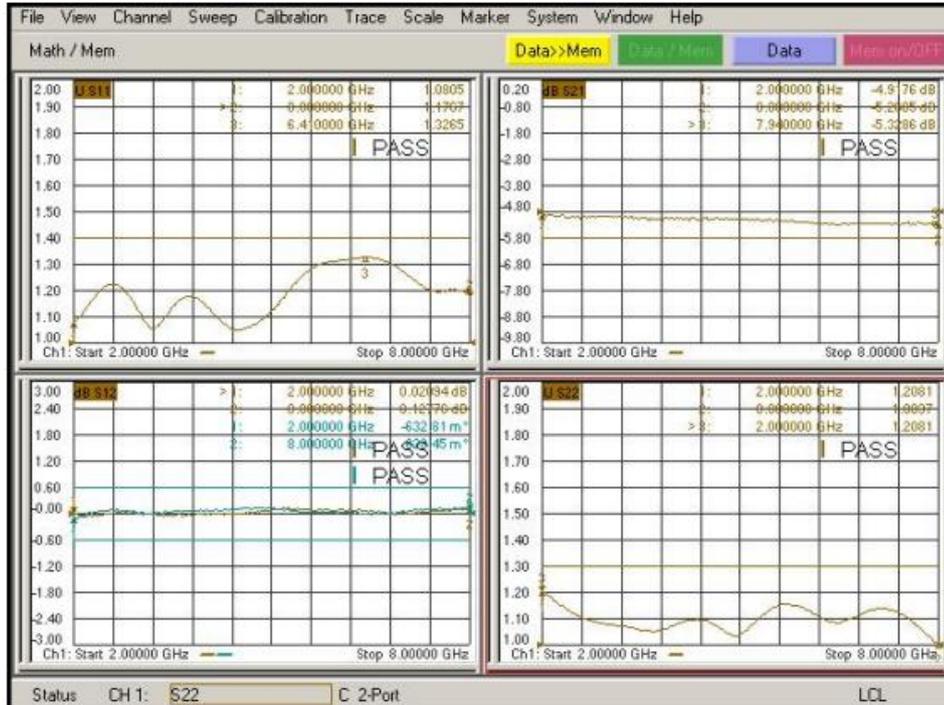
Part Number	KTPD-M2080-3-SMAF
Impedance	50Ω
Frequency Range	2.0-8.0GHz
Insertion Loss	≤1.0dB
Isolation	≥18dB
VSWR	Input ≤1.40 Output ≤1.30
Phase Balance	≤ ±4 degree
Amplitude Balance	≤ ±0.6dB
Power Handling	30W (Forward Power) 1W (Reverse Power)
Connector	SMA - Female
Operating Temperature	-40 °C ~ +80 °C
Storage Temperature	-45 °C ~ +85 °C
Body Dimension	66.5x37.5x10 mm
Surface Finish	Grey Painting

Outline Drawing (mm) (±0.5mm Tol.)



Test Curves

VSWR , Insertion Loss , AMP/Phase Balance



Isolation



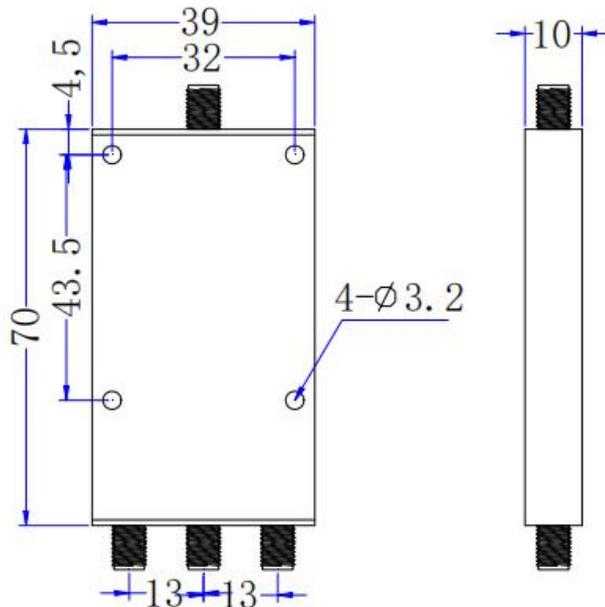
3 Ways RF Microstrip Power Divider

Part Number: KTPD-M20180-3-SMAF

Electrical Specifications

Part Number	KTPD-M20180-3-SMAF
Impedance	50Ω
Frequency Range	2.0-18.0GHz
Insertion Loss	≤1.6dB
Isolation	≥16dB
VSWR	Input ≤1.80 Output ≤1.50
Phase Balance	≤ ±10 degree
Amplitude Balance	≤ ±0.6dB
Power Handling	30W (Forward Power) 1W (Reverse Power)
Connector	SMA - Female
Operating Temperature	-40 °C ~ +80 °C
Storage Temperature	-45 °C ~ +85 °C
Body Dimension	70x39x10 mm
Surface Finish	Grey Painting

Outline Drawing (mm) (±0.5mm Tol.)



3 Ways RF Microstrip Power Divider

Part Number: KTPD-M60180-3-SMAF

Electrical Specifications

Part Number	KTPD-M60180-3-SMAF
Impedance	50Ω
Frequency Range	6.0-18.0GHz
Insertion Loss	≤1.5dB
Isolation	≥16dB
VSWR	Input ≤1.80 Output ≤1.60
Phase Balance	≤ ±6 degree
Amplitude Balance	≤ ±0.5dB
Power Handling	30W (Forward Power) 1W (Reverse Power)
Connector	SMA - Female
Operating Temperature	-40 °C ~ +80 °C
Storage Temperature	-45 °C ~ +85 °C
Body Dimension	51x38x10 mm
Surface Finish	Grey Painting

Outline Drawing (mm) (±0.5mm Tol.)

