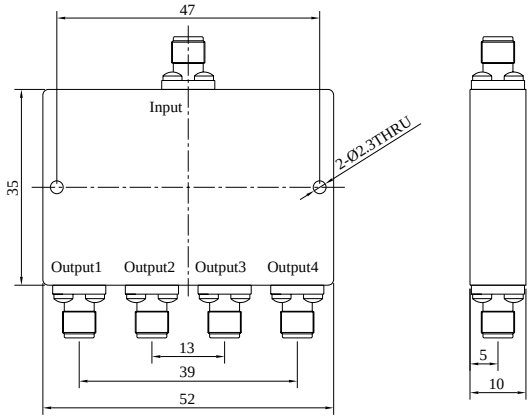
Flexi RF
Reliable RF Components In Stock

Datasheet

4-Way 2.92mm Power Divider From 18 GHz to 40 GHz Rated at 20 Watts P/N: GPD-4-180400-E





Dimensions are in mm

Product Configuration

Connector-In Series	2.92mm
Connector-In Polarity	Standard
Connector-In Gender	Female
Connector-In Impedance (Ohm)	50
Connector-Out Series	2.92mm
Connector-Out Polarity	Standard
Connector-Out Gender	Female
Connector-Out Impedance (Ohm)	50

Electrical Specifications

Insertion Loss	≤ 1.6dB
Power, Max Input (Watts)	20
Return Loss or VSWR Input	1.5
Frequency Range	18-40GHz
Return Loss or VSWR Output	1.5
Amplitude Balance (dB)	±0.4
Phase Balance (°)	±5
Isolation Min.(dB)	16

Mechanical Data

Min. Mating Cycles	≥500
Weight (g)	62 g
Colour	Black
Housing Material	Aluminum

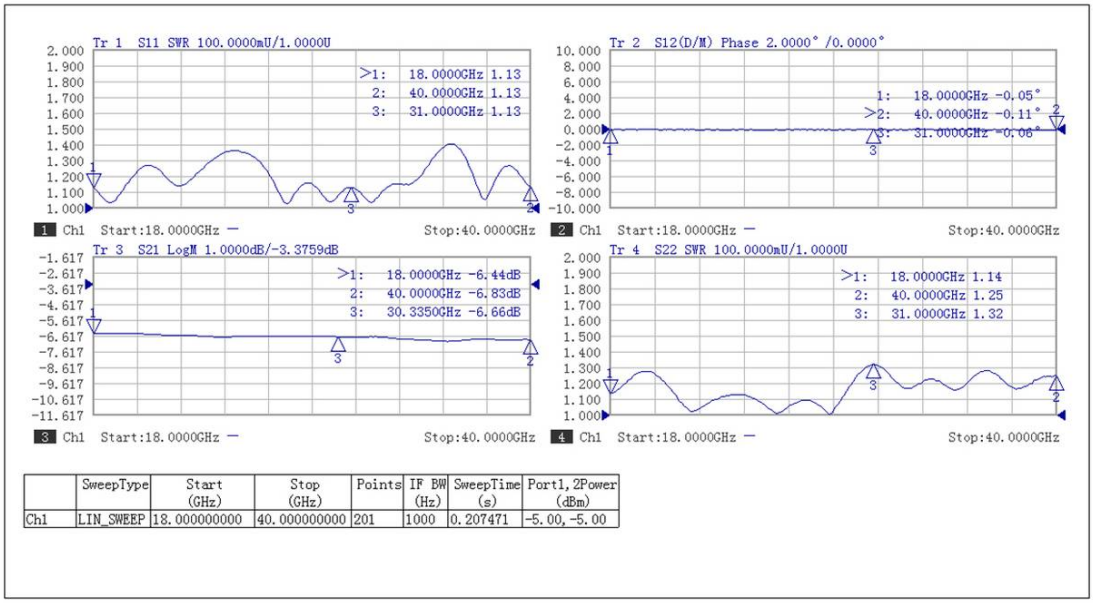
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4-Way 2.92mm Power Divider From 18 GHz to 40 GHz Rated at 20 Watts P/N: GPD-4-180400-E

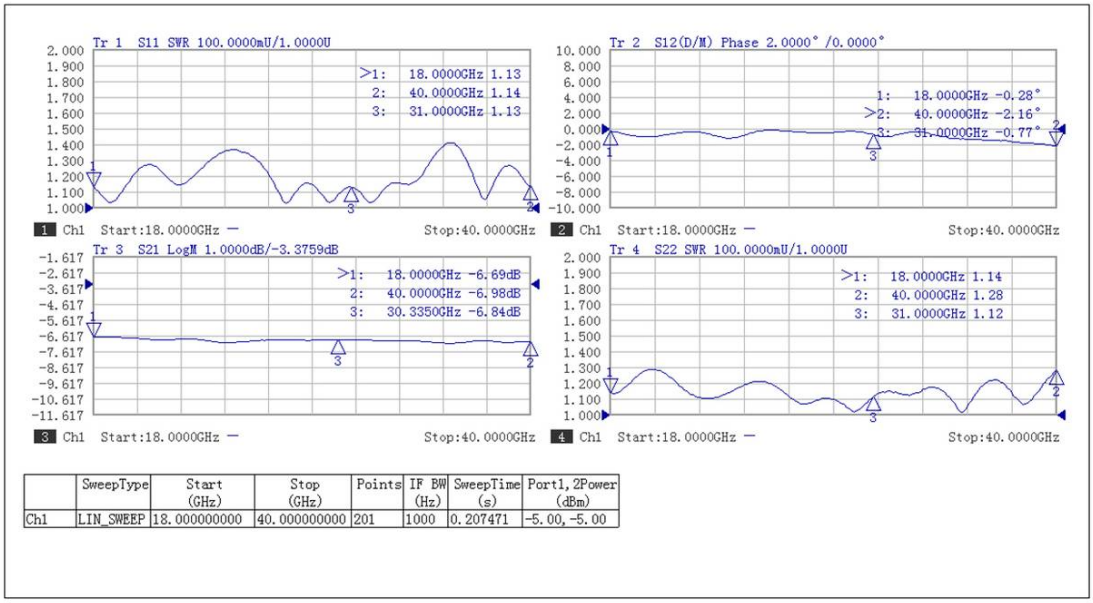
Enviromental Specifications

RoHS Compliant	Yes
Operating Temperature Range	-45 ºC to +85 ºC

Test Data



	SweepType	Start (GHz)	Stop (GHz)	Points	IF BW (Hz)	SweepTime (s)	Port1,2Power (dBm)
Ch1	LIN_SWEEP	18.000000000	40.000000000	201	1000	0.207471	-5.00,-5.00



	SweepType	Start (GHz)	Stop (GHz)	Points	IF BW (Hz)	SweepTime (s)	Port1,2Power (dBm)
Ch1	LIN_SWEEP	18.000000000	40.000000000	201	1000	0.207471	-5.00,-5.00