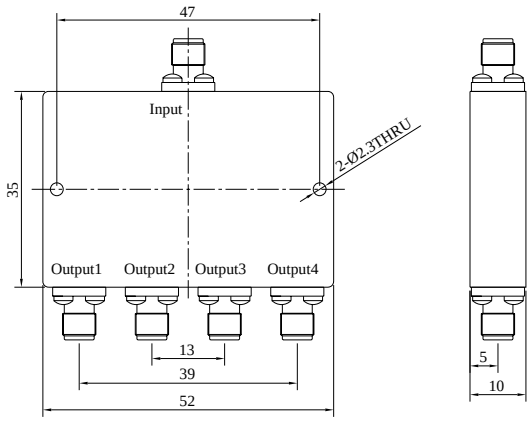
# Datasheet

## 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 |


Gwave Technology Inc

(888)251-2240

87 Patricia Ct, Mountain View, CA 94041

sales@gwavetech.com

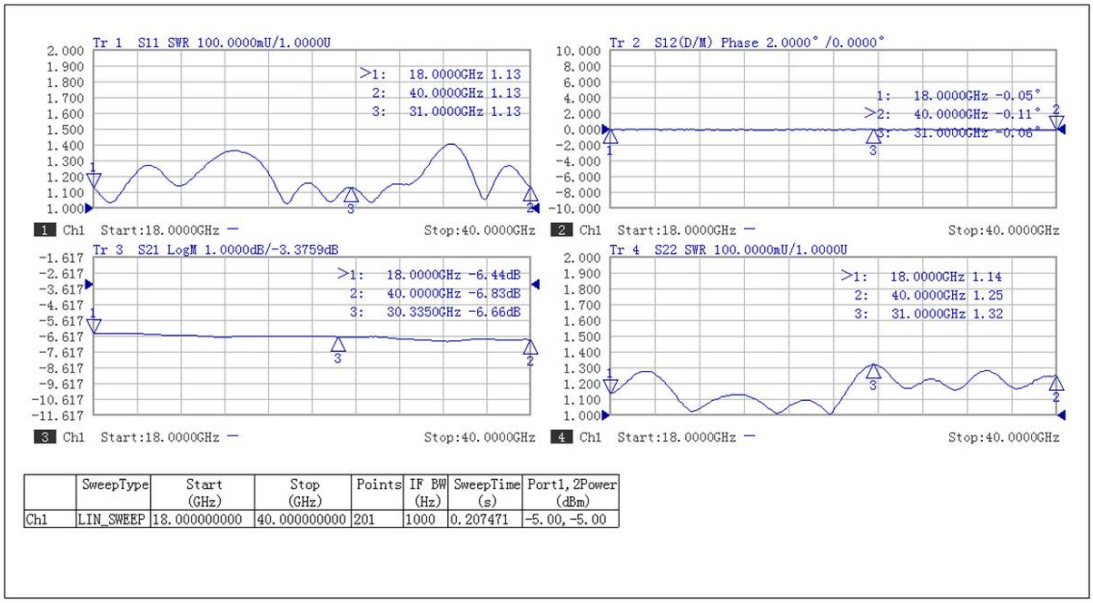
www.gwavetech.com

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

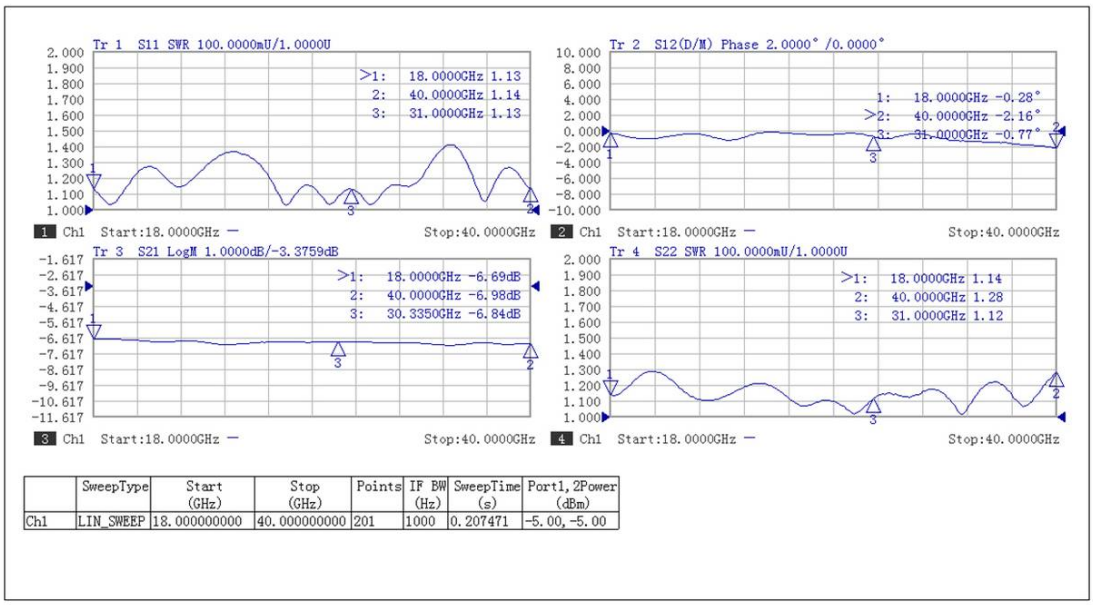
## Enviromental Specifications

| | |
|---|---|
| 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 |