

# TGP-A SERIES POWER DIVIDER

P/N:TGP-A0414



## FEATURES AND APPLICATION:

A series power divider is 0° power divider with SMA connector, that covers frequency 0.5-18GHz. It's with compact size, low insertion loss and VSWR and high isolation. The series is controlled under batch production that ensures good conformity and meets customer's requirement for large shipment.

TGP-A0414 mainly is used for EW, measuring and testing of ultra broadband system, splitting and combining 4 way microwave signal.

The series is Tiger's standard product and can be customized according to customer's needs.

## TECHNICAL SPECIFICATIONS:

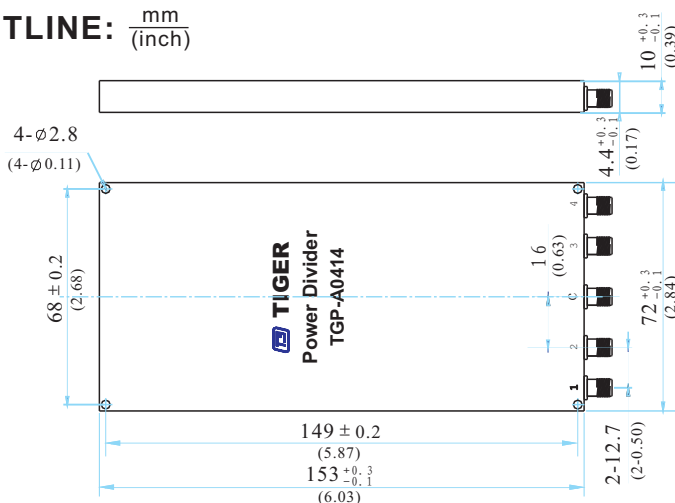
| Frequency Range | Insertion Loss | Isolation      | Input VSWR | Output VSWR | Amplitude Balance |
|-----------------|----------------|----------------|------------|-------------|-------------------|
| 0.5-6GHz        | 1.80dB         | 16dB           | 1.60       | 1.50        | ±0.30dB           |
| Phase Balance   | Connector      | Power Handling |            |             |                   |
| ±4°             | SMA-F          | 30W            |            |             |                   |

## ENVIRONMENTAL PARAMETERS:

WORKING TEMPERATURE: -55~+85°C

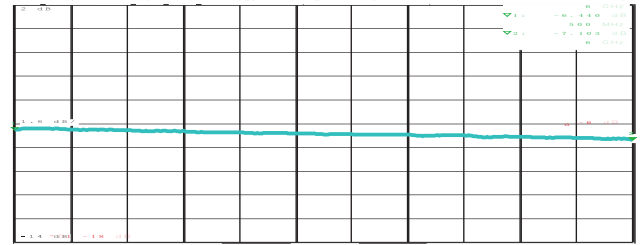
STORAGE TEMPERATURE: -55~+100°C

## OUTLINE: $\frac{\text{mm}}{(\text{inch})}$

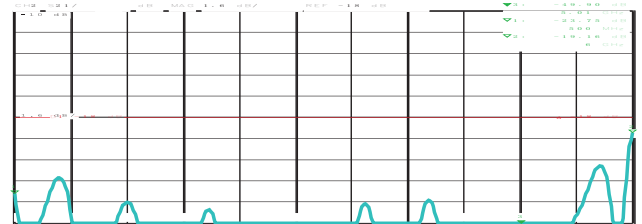


## TYPICAL PLOT:

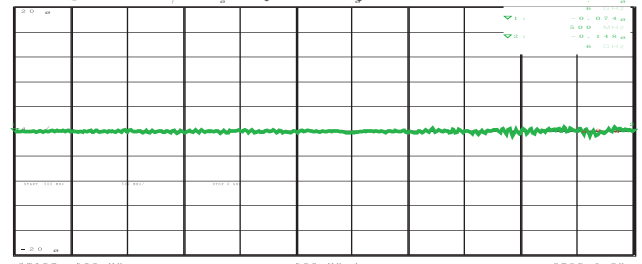
### Insertion loss



### Isolation



### Phase Balance



### VSWR

