

TGP-A SERIES POWER DIVIDER

P/N:TGP-A0415



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-A0415 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.

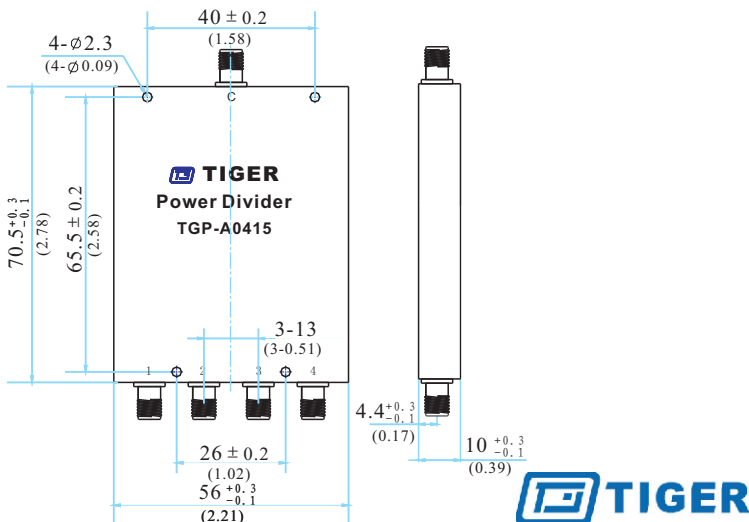
TECHNICAL SPECIFICATIONS:

| Frequency Range | Insertion Loss | Isolation | Input VSWR | Output VSWR | Amplitude Balance |
|-----------------|----------------|----------------|------------|-------------|-------------------|
| 1-8GHz | 2.20dB | 15dB | 1.50 | 1.40 | ±0.40dB |
| Phase Balance | Connector | Power Handling | | | |
| ±8° | SMA-F | 30W | | | |

ENVIRONMENTAL PARAMETERS:

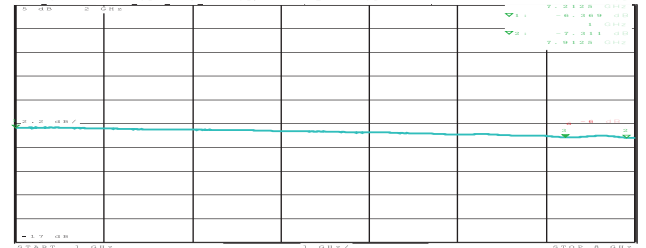
WORKING TEMPERATURE: -55~+85°C
 STORAGE TEMPERATURE: -55~+100°C

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

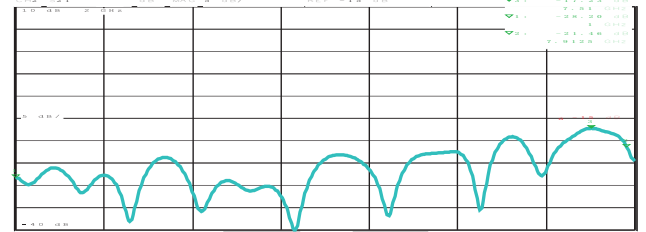


TYPICAL PLOT:

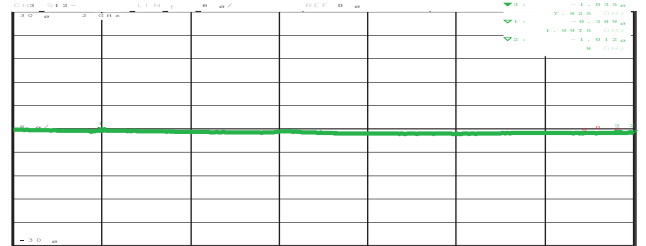
Insertion loss



Isolation



Phase Balance



VSWR

