

# TGP-A SERIES POWER DIVIDER

P/N:TGP-A0833



## 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-A0833 mainly is used for EW, radar, navigation, measuring and testing and communication systems, splitting and combining 8 way microwave signal.

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

## TECHNICAL SPECIFICATIONS:

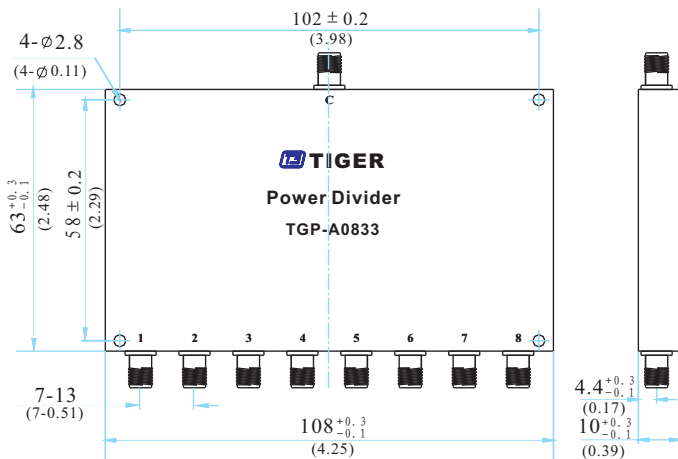
Frequency Range	Insertion Loss	Isolation	Input VSWR	Output VSWR	Amplitude Balance
4-8GHz	1.20dB	18dB	1.50	1.25	±0.40dB
Phase Balance	Connector	Power Handling			
±4°	SMA-F	30W			

## ENVIRONMENTAL PARAMETERS:

WORKING TEMPERATURE: -55~+85°C

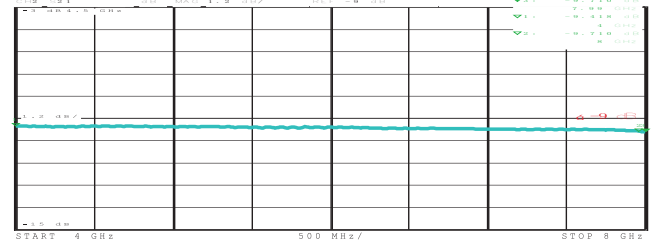
STORAGE TEMPERATURE: -55~+100°C

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

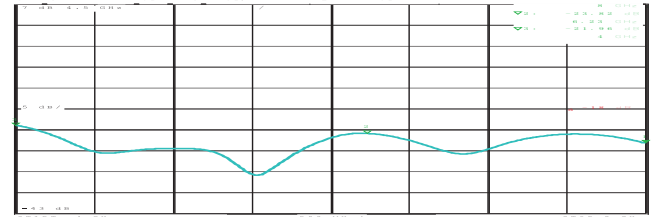


## TYPICAL PLOT:

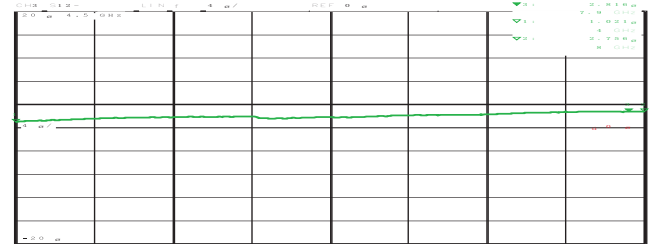
### Insertion loss



### Isolation



### Phase Balance



### VSWR

