

# TGP-A SERIES POWER DIVIDER

P/N:TGP-A0215



## 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-A0215 mainly is used for EW, measuring and testing of ultra broadband system, splitting and combining 2 way microwave signal.

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

## TECHNICAL SPECIFICATIONS:

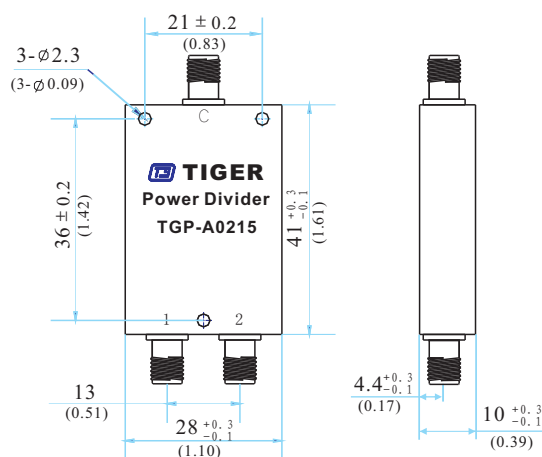
Frequency Range	Insertion Loss	Isolation	Input VSWR	Output VSWR	Amplitude Balance
1-8GHz	1.20dB	16dB	1.40	1.35	±0.30dB
Phase Balance	Connector	Power Handling			
±6°	SMA-F	30W			

## ENVIRONMENTAL PARAMETERS:

WORKING TEMPERATURE: -55~+85℃

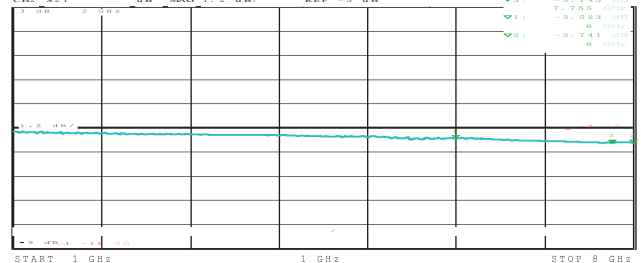
STORAGE TEMPERATURE: -55~+100℃

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

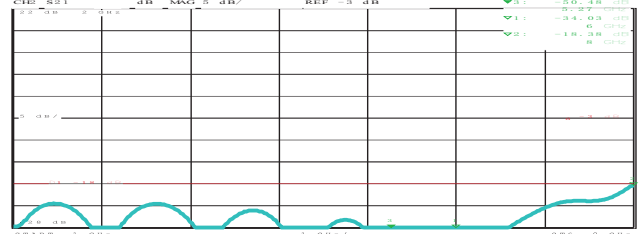


## TYPICAL PLOT:

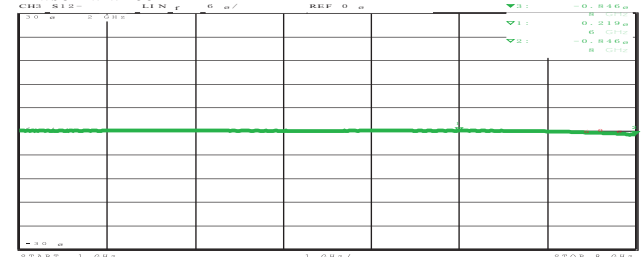
### Insertion loss



### Isolation



### Phase Balance



### VSWR

