

# TGP-A SERIES POWER DIVIDER

P/N:TGP-A0224



## 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-A0224 mainly is used for communication, EW, radar, navigation, measuring and testing systems, splitting and combining 2 way microwave signal.

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

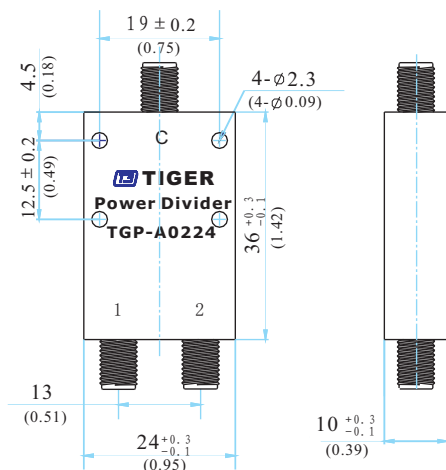
## TECHNICAL SPECIFICATIONS:

Frequency Range	Insertion Loss	Isolation	Input VSWR	Output VSWR	Amplitude Balance
4-18GHz	0.80dB	18dB	1.50	1.50	±0.40dB
Phase Balance	Connector	Power Handling			
±5°	SMA-F	30W			

## ENVIRONMENTAL PARAMETERS:

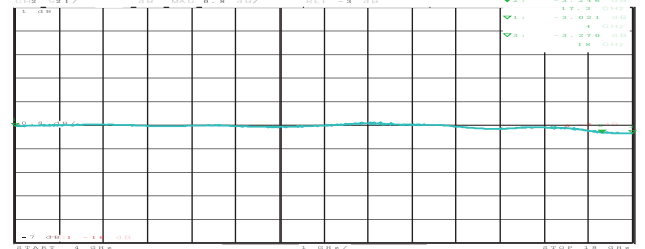
WORKING TEMPERATURE: -55~+85°C  
 STORAGE TEMPERATURE: -55~+100°C

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

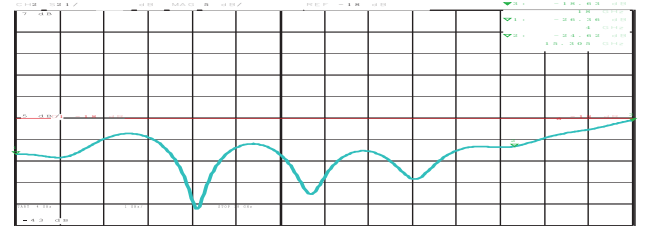


## TYPICAL PLOT:

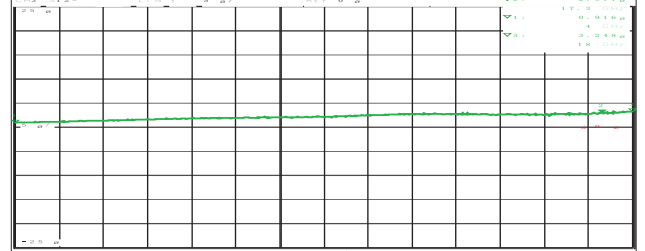
Insertion loss



Isolation



Phase Balance



VSWR

