

# TGP-A SERIES POWER DIVIDER

P/N:TGP-A0812



## 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-A0812 mainly is used for EW, measuring and testing of ultra broadband system, 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:

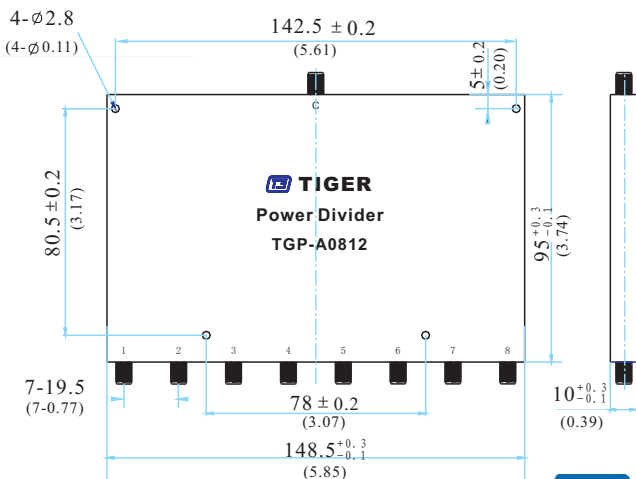
Frequency Range	Insertion Loss	Isolation	Input VSWR	Output VSWR	Amplitude Balance
2-18GHz	3.50dB	15dB	1.85	1.60	±0.80dB
Phase Balance	Connector	Power Handling			
±10°	SMA-F	30W			

## ENVIRONMENTAL PARAMETERS:

WORKING TEMPERATURE: -55~+85°C

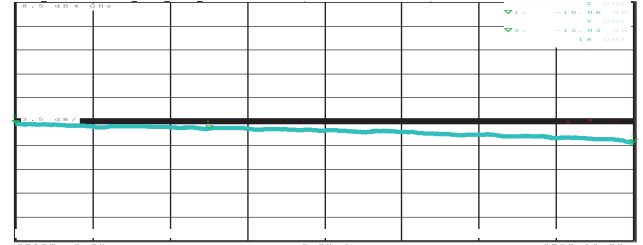
STORAGE TEMPERATURE: -55~+100°C

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

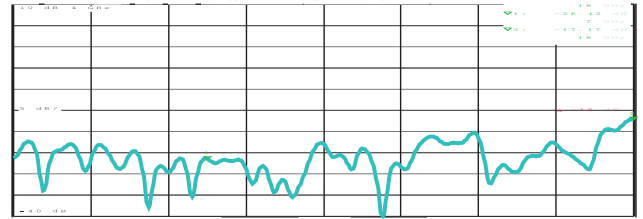


## TYPICAL PLOT:

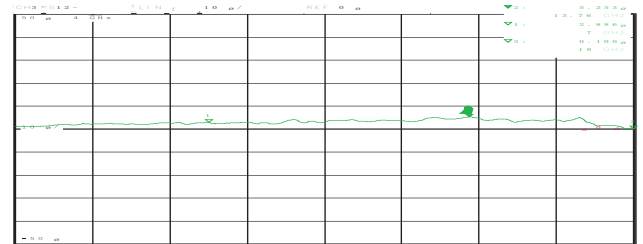
Insertion loss



Isolation



Phase Balance



VSWR

