

TGP-A SERIES POWER DIVIDER

P/N:TGP-A0823



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-A0823 mainly is used for communication, EW, radar, navigation, measuring and testing 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:

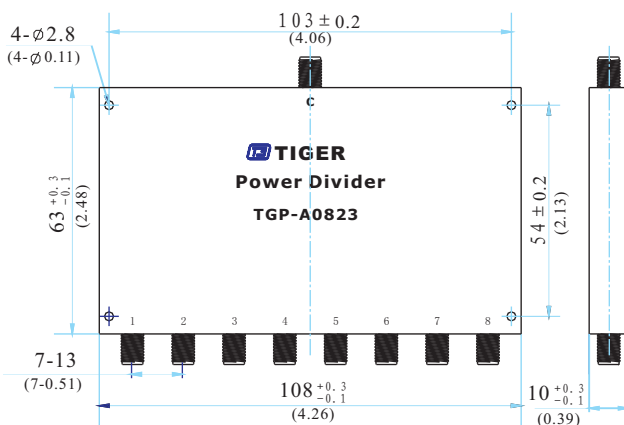
Frequency Range	Insertion Loss	Isolation	Input VSWR	Output VSWR	Amplitude Balance
2-8GHz	1.80dB	17dB	1.65	1.35	±0.70dB
Phase Balance	Connector	Power Handling			
±7°	SMA-F	30W			

ENVIRONMENTAL PARAMETERS:

WORKING TEMPERATURE: -55~+85℃

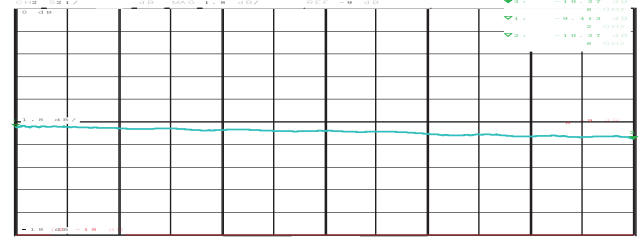
STORAGE TEMPERATURE: -55~+100℃

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

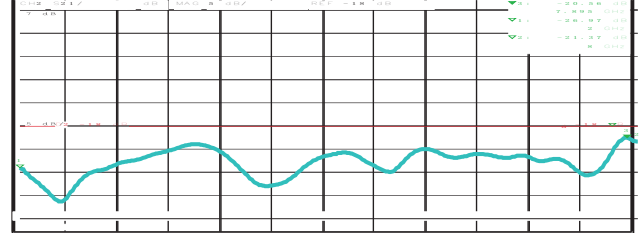


TYPICAL PLOT:

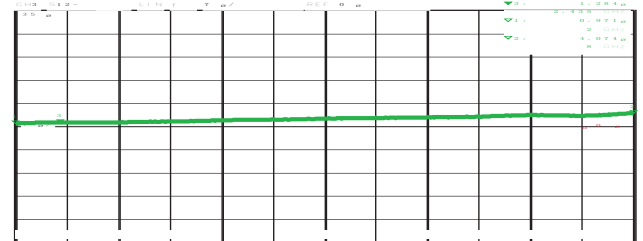
Insertion loss



Isolation



Phase Balance



VSWR

