

TGP-A SERIES POWER DIVIDER

P/N:TGP-A0831



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-A0831 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:

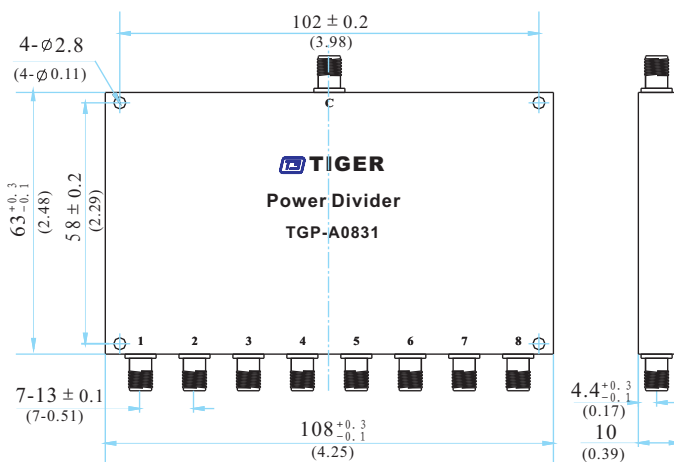
Frequency Range	Insertion Loss	Isolation	Input VSWR	Output VSWR	Amplitude Balance
1-2GHz	1.00dB	20dB	1.30	1.20	± 0.40 dB
Phase Balance	Connector	Power Handling			
$\pm 5^\circ$	SMA-F	30W			

ENVIRONMENTAL PARAMETERS:

WORKING TEMPERATURE: $-55\sim+85^\circ\text{C}$

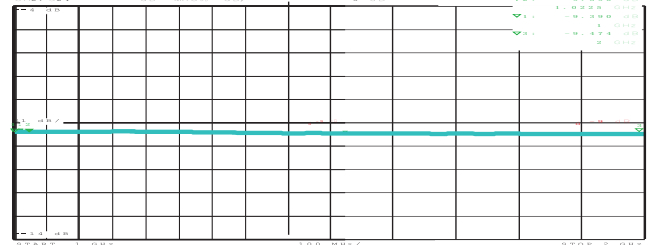
STORAGE TEMPERATURE: $-55\sim+100^\circ\text{C}$

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

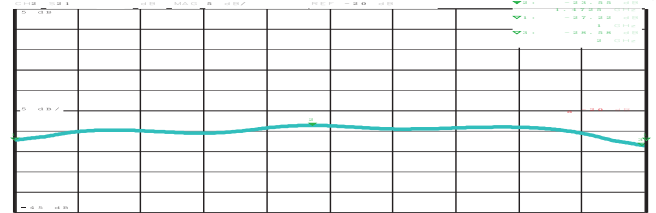


TYPICAL PLOT:

Insertion loss



Isolation



Phase Balance



VSWR

