

TGP-A SERIES POWER DIVIDER

P/N:TGP-A0412



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-A0412 mainly is used for EW, measuring and testing of ultra broadband system, splitting and combining 4 way microwave signal.

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

TECHNICAL SPECIFICATIONS:

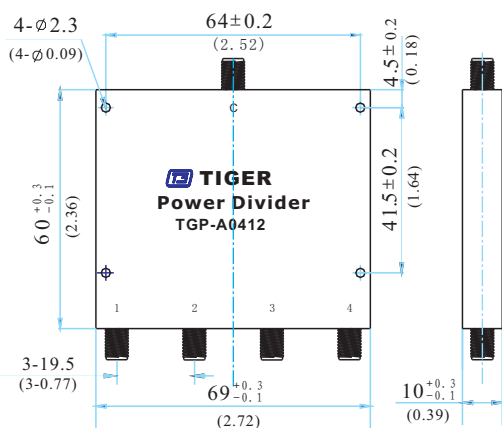
Frequency Range	Insertion Loss	Isolation	Input VSWR	Output VSWR	Amplitude Balance
2-18GHz	2.20dB	16dB	1.65	1.60	±0.60dB
Phase Balance	Connector	Power Handling			
±10°	SMA-F	30W			

ENVIRONMENTAL PARAMETERS:

WORKING TEMPERATURE: -55~+85°C

STORAGE TEMPERATURE: -55~+100°C

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

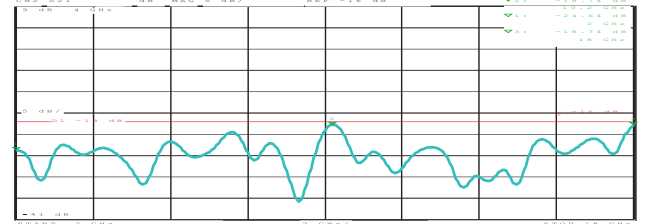


TYPICAL PLOT:

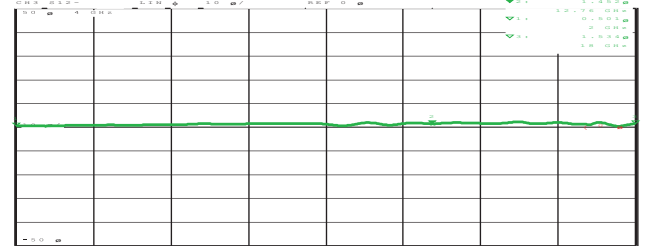
Insertion loss



Isolation



Phase Balance



VSWR

