TGD-A2 SERIES

From Tiger Microwave Passive Components

P/N:TGD-A2024

FEATURES AND APPLICATION:

TGD-A2 series 90° hybrid adopts strip line structure. It gets low insertion loss, high isolation, good amplitude and phase accuracy, high power handling and so on. Quality conformity can be guaranteed even under mass production. The series is Tiger's standard product and can be customized according to specific needs.

TGD-A2024 is mainly used to combine and split power in the fields of communication, EW, radar, measuring and testing and so on.

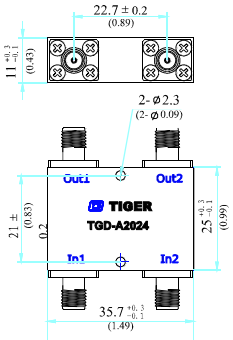
TECHNICAL SPECIFICATIONS:

Frequency Range	Insertion Loss	Isolation	VSWR	Amplitude Balance
4-18GHz	1.60dB	15dB	1.60	±0.7dB
Phase Balance	**Connector**	**Power Handling**		
±8 °	SMA-F	50W		

ENVIRONMENTAL PARAMETERS:

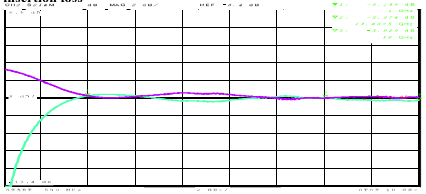
WORKING TEMPERATURE: -55~+85 ℃
STORAGE TEMPERATURE: -55~+100 ℃

OUTLINE: mm (inch)

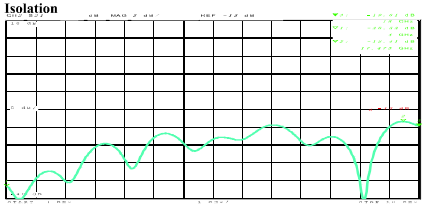


TYPICAL PLOT:

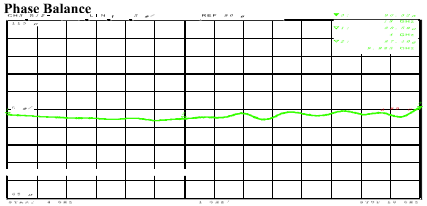
Insertion loss



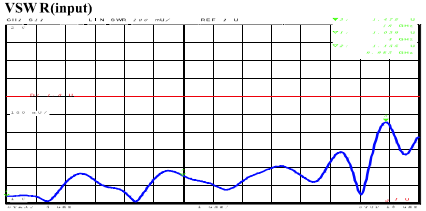
Isolation



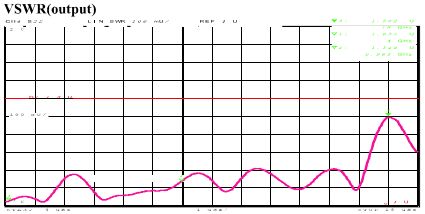
Phase Balance



VSWR(input)



VSWR(output)



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TGD-A2 SERIES

From Tiger Microwave Passive Components

P/N:TGD-A2030

FEATURES AND APPLICATION:

TGD-A2 series 90° hybrid adopts strip line structure. It gets low insertion loss, high isolation, good amplitude and phase accuracy, high power handling and so on. Quality conformity can be guaranteed even under mass production. The series is Tiger's standard product and can be customized according to specific needs.

TGD-A2030 is mainly used to combine and split power in the fields of communication, EW, radar, measuring and testing and so on.

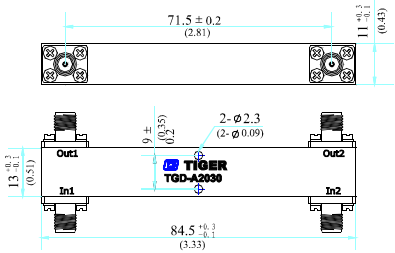
TECHNICAL SPECIFICATIONS:

Frequency Range	Insertion Loss	Isolation	VSWR	Amplitude Balance
0.5-1GHz	0.3dB	22dB	1.20	±0.5dB
Phase Balance	**Connector**	**Power Handling**		
±2 °	SMA-F	50W		

ENVIRONMENTAL PARAMETERS:

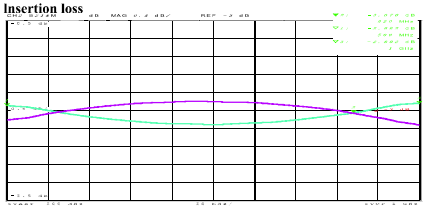
WORKING TEMPERATURE: -55~+85 ℃
STORAGE TEMPERATURE: -55~+100 ℃

OUTLINE: mm (inch)

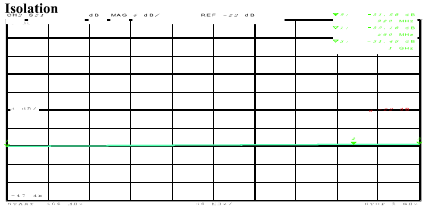


TYPICAL PLOT:

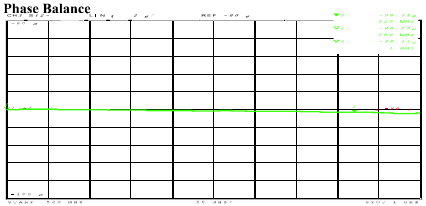
Insertion loss



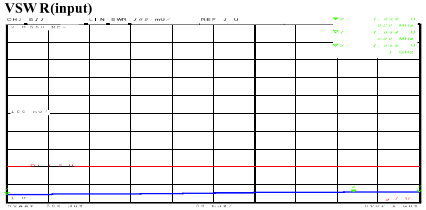
Isolation



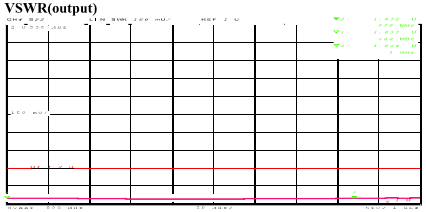
Phase Balance



VSWR(input)



VSWR(output)



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