

## TGD-A2 SERIES

From Tiger Microwave

# Passive Components

P/N:TGD-A2012



### 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-A2012 is mainly used to combine and split power in the fields of communication, EW, radar, measuring and testing and so on.

### TECHNICAL SPECIFICATIONS:

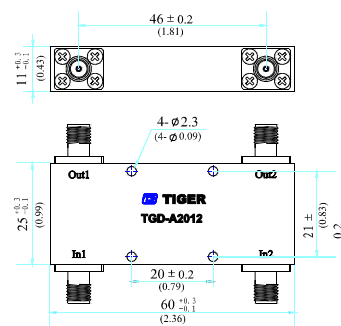
Frequency Range	Insertion Loss	Isolation	VSWR	Amplitude Balance
2-18GHz	1.8dB	15dB	1.60	±0.7dB
Phase Balance	Connector	Power Handling		
±8 °	SMA-F	50W		

### ENVIRONMENTAL PARAMETERS:

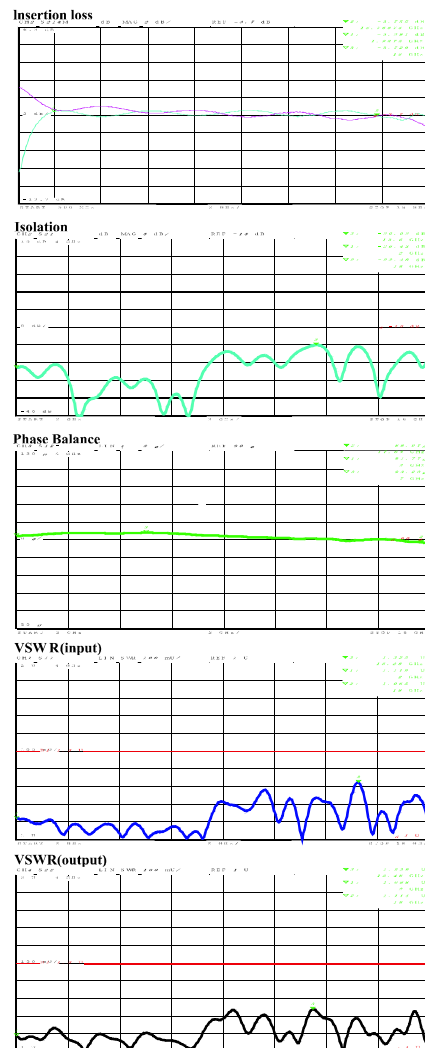
WORKING TEMPERATURE: -55~+85 ℃

STORAGE TEMPERATURE: -55~+100 ℃

OUTLINE: mm  
(inch)



### TYPICAL PLOT:



**TIGER**

Tiger Microwave Industrial Park, NO.18, Xinwen Road, Hi -Tech West Zone, Chengdu, China  
Tel: +86-28-62811638 Fax: +86-28-62811637 cdtiger@tiger-mw.com http://en.tiger-mw.com

## TGD-A2 SERIES

From Tiger Microwave

# Passive Components

P/N:TGD-A2021



### 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-A2021 is mainly used to combine and split power in the fields of communication, EW, radar, measuring and testing and so on.

### TECHNICAL SPECIFICATIONS:

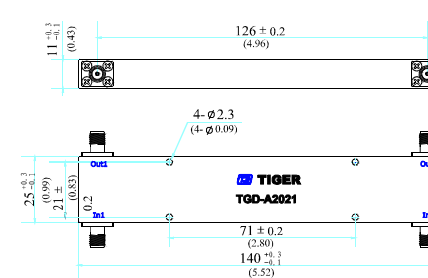
Frequency Range	Insertion Loss	Isolation	VSWR	Amplitude Balance
0.8-3GHz	0.80dB	20dB	1.30	±0.7dB
Phase Balance	Connector	Power Handling		
±5 °	SMA-F	50W		

### ENVIRONMENTAL PARAMETERS:

WORKING TEMPERATURE: -55~+85 ℃

STORAGE TEMPERATURE: -55~+100 ℃

OUTLINE: mm  
(inch)



**TIGER**

Tiger Microwave Industrial Park, NO.18, Xinwen Road, Hi -Tech West Zone, Chengdu, China  
Tel: +86-28-62811638 Fax: +86-28-62811637 cdtiger@tiger-mw.com http://en.tiger-mw.com

### TYPICAL PLOT:

