

TGD-B SERIES STRIPLINE 90° HYBRID

P/N:TGD-B2021



FEATURES AND APPLICATION:

TGD-B series stripline 90° hybrid adopts N-F connector and strip line structure on circuit. It gets low insertion loss, high isolation and high power handling that is convenient for using.

TGD-B series 90° hybrid is specially designed for wireless communication and can be used for BTS and repeaters of GSM, CDMA and WCDMA.

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

TECHNICAL SPECIFICATIONS:

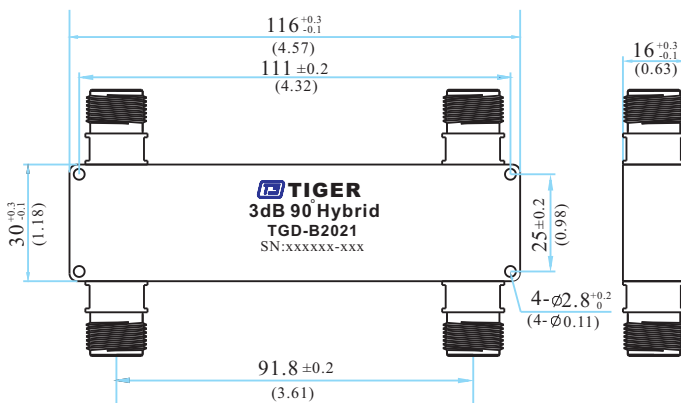
Frequency Range	Insertion Loss	Isolation	VSWR	Amplitude Balance
0.8-2.5GHz	0.30dB	22dB	1.25	±0.5dB
Phase Balance	Connector	Power Handling		
±4°	N-F	120W		

ENVIRONMENTAL PARAMETERS:

WORKING TEMPERATURE: -20~+70°C

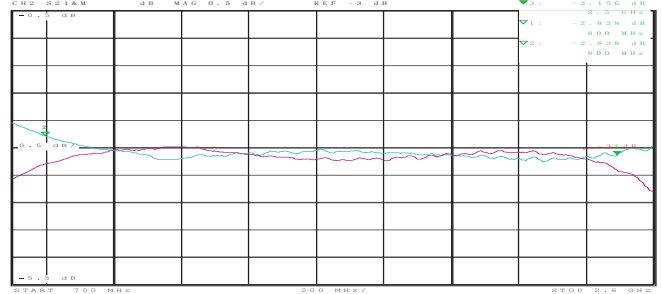
STORAGE TEMPERATURE: -40~+70°C

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



TYPICAL PLOT:

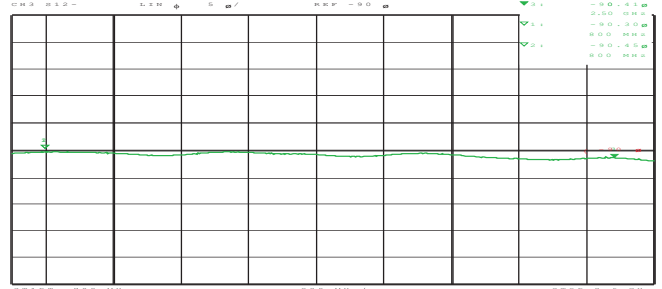
Insertion loss



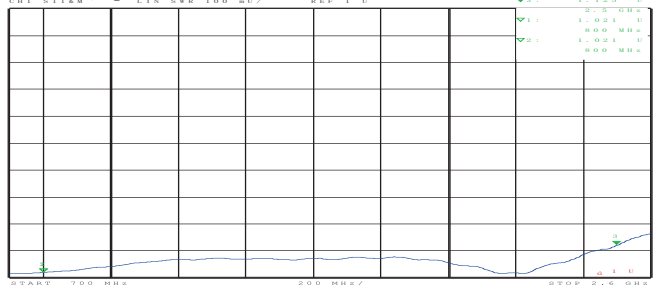
Isolation



Phase Balance



VSWR(input)



VSWR(output)

