

TECHNICAL DATA

► Electrical Data

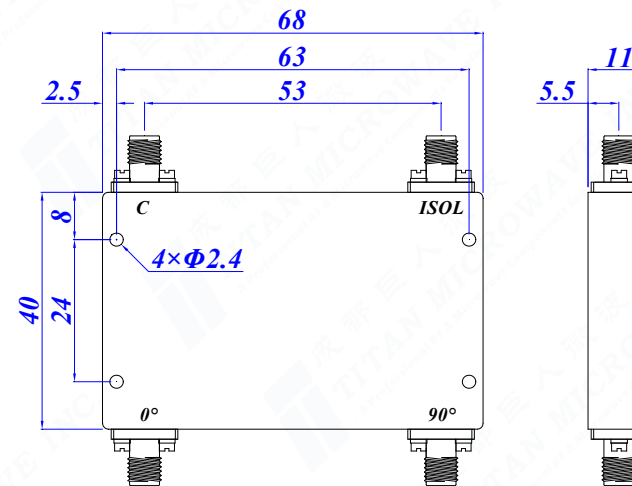
Frequency Range	300~3000MHz
Insertion Loss(average)	0.8dB max
VSWR	1.4:1 max
Isolation	18dB min
Amplitude Balance	±0.8dB max
Phase Balance	±5°
Impedance	50 Ohms
Power Rating	50W(CW)

► Mechanical Data

Connectors	SMA-Female
Dimensions	68×40×11mm
Surface Finish	Natural Color Conductive Oxidation

► Environmental Data

Operating Temperature -55°C~+85°C



Notes:

1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
2. CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY

DRAWN: L. Ma 21/12/22			TITLE: 3dB 90° Hybrid Coupler, 300~3000MHz, 50W, SMA-Female	 成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier -			
ENGINEER: J. Zhu 21/12/22				www.titan-microwave.com			
APPROVED: C. Chen 21/12/22							
TOLERANCE UNLESS OTHERWISE SPECIFIED							
x	±0.50	[0.019"]	PART No.: TMHC90-00300300-50S	 DIMENSIONS IN MILLIMETERS(mm)			
.x	±0.20	[0.008"]					
.xx	±0.10	[0.004"]					
ANGLES	±1°						
			SIZE: A4	SCALE:	SHEET: 1/1	REV: A	