

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2025/1/3	C. Chen

TECHNICAL DATA

► Electrical Data

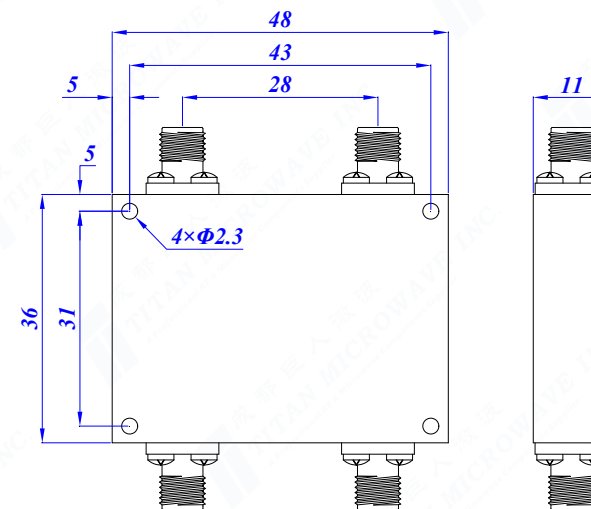
Frequency Range	15~17GHz
Insertion Loss(average)	1.2dB max
VSWR	1.5:1 max
Isolation	18dB min
Amplitude Balance	±0.5dB max
Phase Balance	±8° max
Impedance	50 Ohms
Power Rating	50W(CW)

► Mechanical Data

Input/Output Connectors	SMA-Female
Dimensions	48×36×11mm
Surface Finish	Gray Painted

► Environmental Data

Operating Temperature	-55℃~+85℃
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Notes:

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

DRAWN: L. Ma 3/1/25			TITLE: 90 Deg. Hybrid Coupler, 15~17GHz, 50W, SMA-Female		成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier - www.titan-microwave.com			
ENGINEER: J. Zhu 3/1/25								
APPROVED: C. Chen 3/1/25								
TOLERANCE UNLESS OTHERWISE SPECIFIED			PART No.: TMHC90-15001700-50S					
x		±0.50			[0.019"]	DIMENSIONS IN MILLIMETERS(mm)		
.x		±0.20			[0.008"]			
.xx		±0.10			[0.004"]			
ANGLES		±1°						
					SIZE:	SCALE:	SHEET:	REV:
					A4		1/1	A