

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2022/12/21	C. Chen

TECHNICAL DATA

► Electrical Data

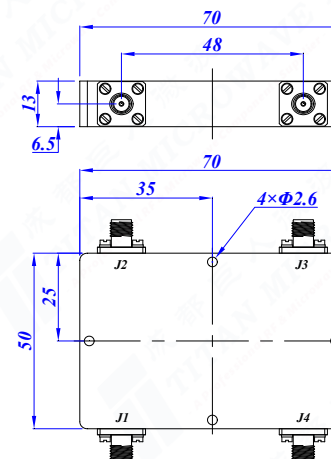
Frequency Range	200~2000MHz
Insertion Loss(average)	0.8dB max
VSWR	1.35:1 max
Isolation	18dB min
Amplitude Balance	±1.2dB max@200~600MHz ±1.0dB max@600~2000MHz
Phase Balance	±5°
Impedance	50 Ohms
Power Rating	100W

► Mechanical Data

Input/Output Connectors	SMA-Female
Dimensions	70×50×13mm
Surface Finish	Natural Color Conductive Oxidation

► Environmental Data

Operating Temperature	-55℃~+85℃
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INPUT	J1	J2	J3	J4
J1	----	-3dB<-90°	-3dB<0°	ISOLATION
J2	-3dB<-90°	----	ISOLATION	-3dB<0°
J3	-3dB<0°	ISOLATION	----	-3dB<-90°
J4	ISOLATION	-3dB<0°	-3dB<-90°	----

Notes:

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

DRAWN: L. Ma 21/12/22			TITLE: 3dB 90° Hybrid Coupler, 200~2000MHZ, 100W, SMA-Female		 成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier - www.titan-microwave.com	
ENGINEER: J. Zhu 21/12/22						
APPROVED: C. Chen 21/12/22			PART No.: TMHC90-00200200-100S		 DIMENSIONS IN MILLIMETERS(mm) SIZE: A4 SCALE: SHEET: 1/1 REV: A	
TOLERANCE UNLESS OTHERWISE SPECIFIED						
x	±0.50	[0.019"]				
.x	±0.20	[0.008"]				
.xx	±0.10	[0.004"]				
ANGLES	±1°					