

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

TECHNICAL DATA

► Electrical Data

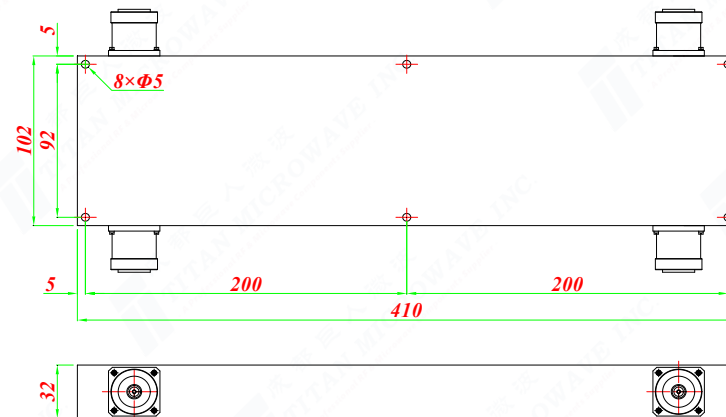
Frequency Range	400~1000MHz
Insertion Loss(average)	0.5dB max
VSWR	1.35:1 max
Isolation	16dB min
Amplitude Balance	±0.6dB max
Phase Balance	±5°
Impedance	50 Ohms
Power Rating	1000W(CW), 5000W(Peak Power)

► Mechanical Data

Connectors	DIN 7/16(L29)-Female
Dimensions	410×102×32mm
Surface Finish	Natural Color Conductive Oxidation

► 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 21/12/22			TITLE: 3dB 90° Hybrid Coupler, 400~1000MHz, 1000W, DIN 7/16(L29)-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										
TOLERANCE UNLESS OTHERWISE SPECIFIED										
x	±0.50	[0.019"]	PART No.: TMHC90-00400100-1KWD		DIMENSIONS IN MILLIMETERS(mm)					
.x	±0.20	[0.008"]								
.xx	±0.10	[0.004"]								
ANGLES	±1°									
			SIZE:		SCALE:		SHEET:		REV:	
			A4				1/1		A	