

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

TECHNICAL DATA

► Electrical Data

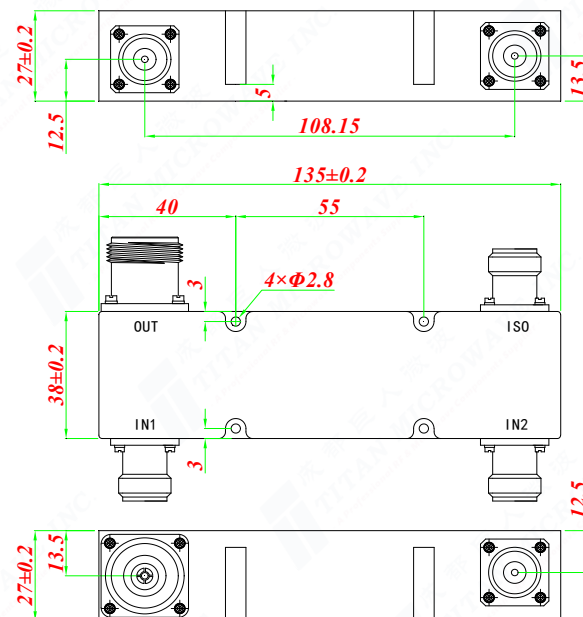
Frequency Range	700~6000MHz
Insertion Loss(average)	0.5dB max
VSWR	1.5:1 max
Isolation	17dB min
Amplitude Balance	±0.5dB max@1000~6000MHz ±1.2dB max@700~1000MHz
Phase Balance	±5° max
Impedance	50 Ohms
Power Rating	300W

► Mechanical Data

Input/Output Connectors	N-Female & Mini DIN-Female
Dimensions	135×38×27mm
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, 700~6000MHz, 300W, N-Female & Mini DIN-Female	 成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier -	 DIMENSIONS IN MILLIMETERS(mm)		
ENGINEER: J. Zhu 21/12/22							
APPROVED: C. Chen 21/12/22							
TOLERANCE UNLESS OTHERWISE SPECIFIED			PART No.: TMHC90-00700600-300DN	www.titan-microwave.com			
x	±0.50	[0.019"]					
.x	±0.20	[0.008"]					
.xx	±0.10	[0.004"]					
ANGLES	±1°						

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