

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

TECHNICAL DATA

► Electrical Data

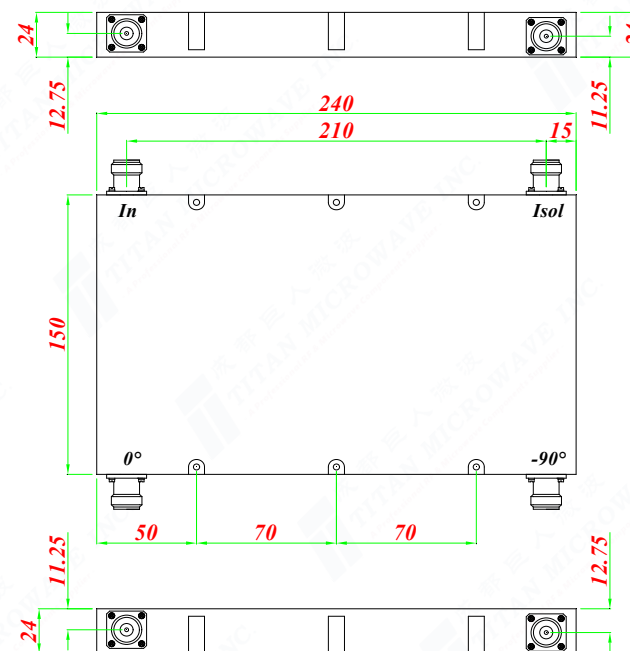
Frequency Range	100~400MHz
Insertion Loss(average)	0.35dB max
VSWR	1.3:1 max
Isolation	18dB min
Amplitude Balance	±0.6dB max
Phase Balance	±5° max
Impedance	50 Ohms
Power Rating	800W(CW), 2000W(Peak Power)

► Mechanical Data

Connectors	N-Female
Dimensions	240×150×24mm
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, 100~400MHZ, 800W, N-Female		 成都巨人微波 TITAN MICROWAVE INC. <i>- A Professional RF & Microwave Components Supplier -</i> www.titan-microwave.com									
ENGINEER: J. Zhu 21/12/22														
APPROVED: C. Chen 21/12/22					 DIMENSIONS IN MILLIMETERS(mm)									
TOLERANCE UNLESS OTHERWISE SPECIFIED			PART No.: TMHC90-00100040-800N						SIZE: A4		SCALE:		SHEET: 1/1	
x ±0.50 [0.019"]														
.x ±0.20 [0.008"]														
.xx ±0.10 [0.004"]														
ANGLES ±1°														

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ANGLES	±1°	