

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

TECHNICAL DATA

► Electrical Data

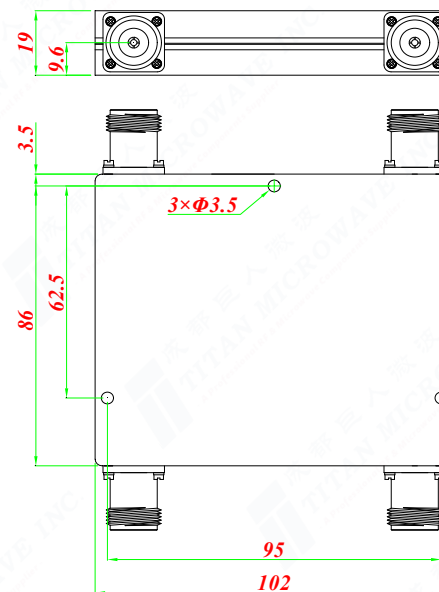
Frequency Range	80~1000MHz
Insertion Loss(average)	0.9dB max
VSWR	1.3:1 max
Isolation	16dB min
Amplitude Balance	±1.5dB max
Phase Balance	±8° max
Impedance	50 Ohms
Power Rating	100W(CW)

► Mechanical Data

Connectors	N-Female
Dimensions	102×86×19mm
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, 80~1000MHZ, 100W, N-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					PART No.: TMHC90-00080100-100N		DIMENSIONS IN MILLIMETERS(mm)					
APPROVED: C. Chen 21/12/22												
TOLERANCE UNLESS OTHERWISE SPECIFIED												
x ±0.50 [0.019"]												
.x ±0.20 [0.008"]												
.xx ±0.10 [0.004"]												
ANGLES ±1°					SIZE: A4		SCALE:		SHEET: 1/1		REV: A	