

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2025/4/30	C. Chen

TECHNICAL DATA

► Electrical Data

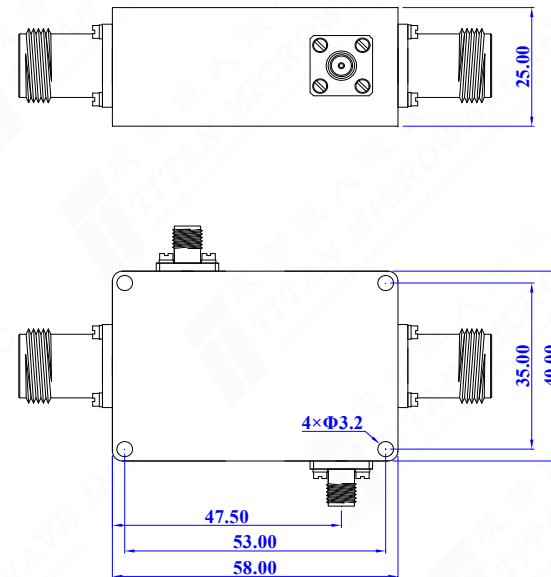
Frequency Range	2.3~2.7GHz
Coupling	50±2.0dB
Insertion Loss	0.3dB max
Primary Line VSWR	1.3:1 max
Directivity	18dB min
Impedance	50 Ohms
Primary Line Power	500W(CW)

► Mechanical Data

Primary Line Connectors	N-Female
Coupled Connectors	SMA-Female
Housing Material	Aluminum
Surface Finish	Conductive Oxidation
Dimensions	58×40×25mm




► Environmental Data

Operating Temperature	-55℃~+85℃
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Notes:

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

DRAWN: L. Ma 30/04/25			TITLE: Dual Directional Coupler, 2.3~2.7Hz, 50dB, 500W, N-Female & SMA-Female		<div>成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier -</div> <div>www.titan-microwave.com</div>			
ENGINEER: J. Zhu 30/04/25								
APPROVED: C. Chen 30/04/25								
TOLERANCE UNLESS OTHERWISE SPECIFIED			PART No.: TDDC-02300270-50NS500		<div>DIMENSIONS IN MILLIMETERS(mm)</div> <div><div>SIZE: A4</div><div>SCALE:</div><div>SHEET: 1/1</div><div>REV: A</div></div>			
x ±0.50 [0.019"]								
.x ±0.20 [0.008"]								
.xx ±0.10 [0.004"]								
ANGLES ±1°								

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