

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

TECHNICAL DATA

► Electrical Data

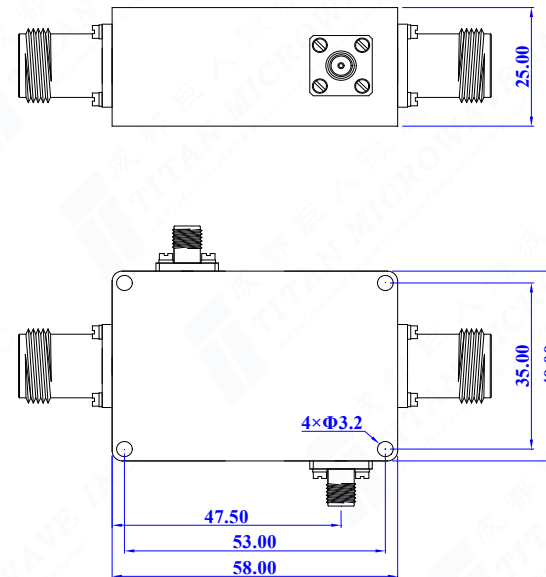
Frequency Range	2.3~2.7GHz
Coupling	50±2.0dB
Insertion Loss	0.3dB max
Primary Line VSWR	1.3:1 max
Directivity	18dB min
Impedance	50 Ohms
Primary Line Power	500W(CW)

► 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 ENGINEER: J. Zhu 30/04/25 APPROVED: C. Chen 30/04/25 TOLERANCE UNLESS OTHERWISE SPECIFIED	TITLE: Dual Directional Coupler, 2.3~2.7GHz, 50dB, 500W, N-Female & SMA-Female	 www.titan-microwave.com
	PART No.: TDDC-02300270-50NS500	DIMENSIONS IN MILLIMETERS(mm)
		SIZE: A4 SCALE: SHEET: 1/1 REV: A