

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

TECHNICAL DATA

► Electrical Data

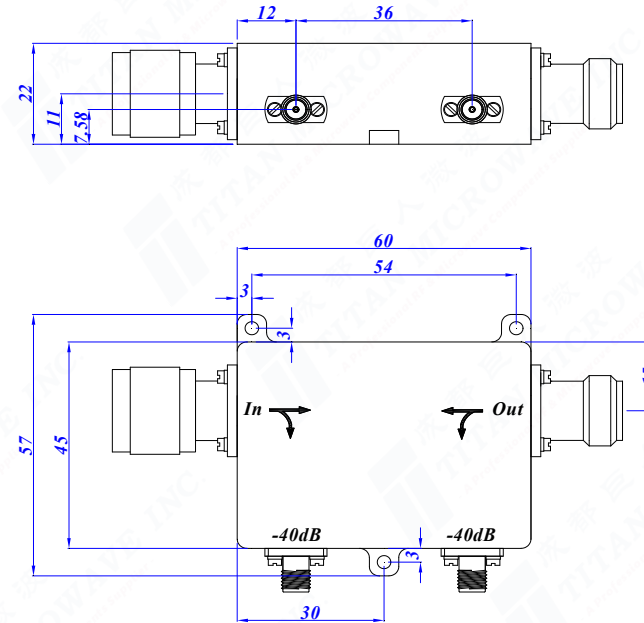
Frequency Range	500~2000MHz
Coupling	40±1.0dB
Coupling Flatness	±0.8dB max
Insertion Loss	0.35dB max
Primary Line VSWR	1.25:1 max
Directivity	18dB min
Impedance	50 Ohms
Primary Line Power	500W(CW)

► Mechanical Data

Primary Line Connectors	N-Male & N-Female
Coupled Connectors	SMA-Female
Housing Material	Aluminum
Surface Finish	Conductive Oxidation
Dimensions	60×45×22mm

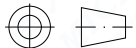
► Environmental Data

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 30/04/25	TITLE: Dual Directional Coupler, 500~2000MHz, 40dB, 500W, N-Male and Female & SMA- Female	 成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier - www.titan-microwave.com		
ENGINEER: J. Zhu 30/04/25				
APPROVED: C. Chen 30/04/25				
TOLERANCE UNLESS OTHERWISE SPECIFIED				
x ±0.50 [0.019"]	PART No.: TDDC-00500200-40NS500	 DIMENSIONS IN MILLIMETERS(mm)		
.x ±0.20 [0.008"]				
.xx ±0.10 [0.004"]		SIZE: A4	SCALE:	SHEET: 1/1
ANGLES ±1°				
				REV: A