

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

TECHNICAL DATA

► Electrical Data

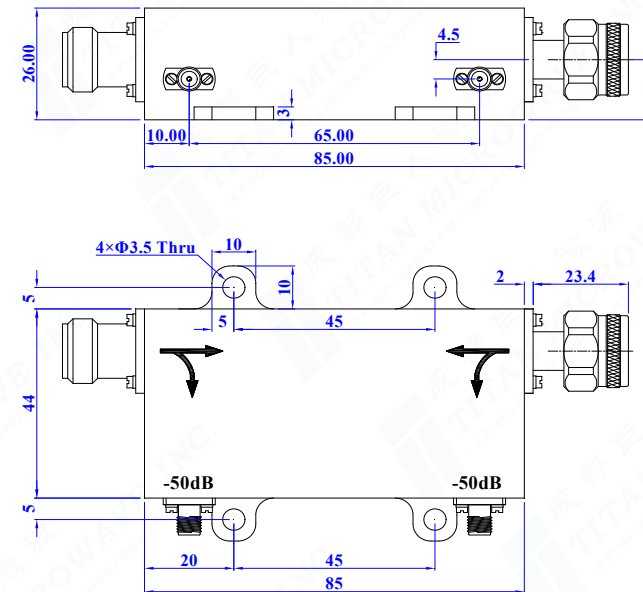
Frequency Range	80~1000MHz
Coupling	50±1.0dB max
Insertion Loss	0.3dB max
Primary Line VSWR	1.3:1 max
Directivity	20dB min
Impedance	50 Ohms
Primary Line Power	600W(CW)

► Mechanical Data

Primary Line Connectors	N-Female & N-Male
Coupled Connectors	SMA-Female
Housing Material	Aluminum
Surface Finish	Conductive Oxidation
Dimensions	85×44×26mm

► Environmental Data

Operating Temperature	-40℃~+70℃
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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, 0.08~1GHz, 50dB, 600W, N-Male/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			PART No.: TDDC-00080100-50NS600A		DIMENSIONS IN MILLIMETERS(mm) SIZE: A4 SCALE: SHEET: 1/1 REV: A	
x ±0.50 [0.019"]						
.x ±0.20 [0.008"]						
.xx ±0.10 [0.004"]						
ANGLES ±1°						