

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2025/3/11	C. Chen

TECHNICAL DATA

► Electrical Data

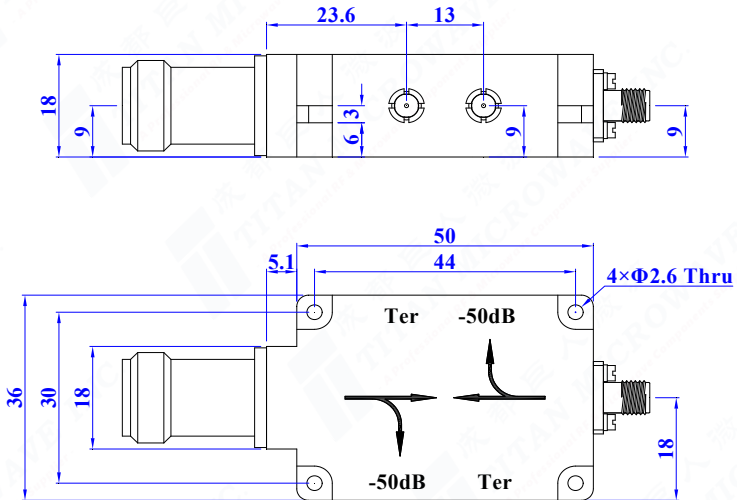
Frequency Range	8000~12000MHz
Coupling	50±1.0dB
Coupling Flatness	±1.0dB max
Insertion Loss	0.3dB max
Primary Line VSWR	1.4 max
Coupled Line VSWR	1.5 max
Directivity	14dB min
Impedance	50 Ohms
Power Rating	60W(CW), 300W(PK)

► Mechanical Data

Input/Output Connectors	N-Female & SMA-Female
Coupled Connector	SMP-Male
Surface Finish	Natural Color Conductive Oxidation
Dimensions	50×36×18mm

► 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 11/03/25			TITLE: Dual Directional Coupler, 8~12GHz, 50dB, 60W SMP-Male, N-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 11/03/25				
APPROVED: C. Chen 11/03/25				
TOLERANCE UNLESS OTHERWISE SPECIFIED				
x	±0.50	[0.019"]	DIMENSIONS IN MILLIMETERS(mm) SIZE: A4 SCALE: SHEET: 1/1 REV: A	
.x	±0.20	[0.008"]		
.xx	±0.10	[0.004"]		
ANGLES	±1°			
PART No.: TDDC-08001200-50NSP60				