

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

TECHNICAL DATA

► Electrical Data

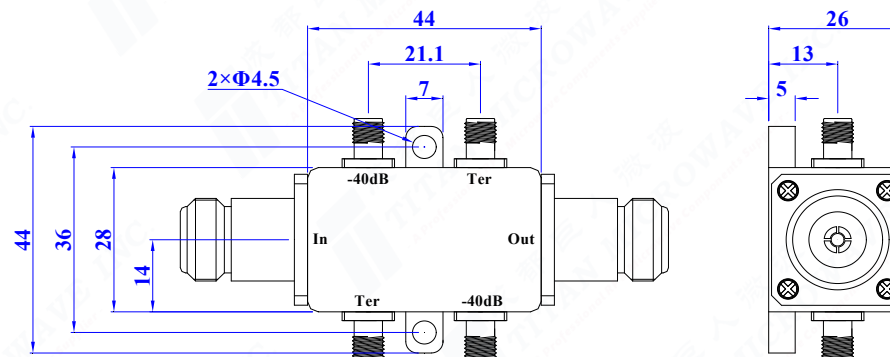
Frequency Range	4~8GHz
Coupling	40±1.0dB
Coupling Flatness	±0.5dB max
Insertion Loss	0.35dB max
Primary Line VSWR	1.35:1 max
Coupled Line VSWR	1.5:1 max
Directivity	12dB min
Impedance	50 Ohms
Primary Line Power	300W(CW)

► Mechanical Data

Primary Line Connectors	N-Female
Coupled Connectors	SMA-Female
Housing Material	Aluminum
Surface Finish	Conductive Oxidation
Dimensions	44×28×26mm

► Environmental Data

Operating Temperature	-40℃~+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, 4~8GHz, 40dB, 300W, 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 30/04/25		PART No.: TDDC-04000800-40NS300	DIMENSIONS IN MILLIMETERS(mm)			
APPROVED: C. Chen 30/04/25			SIZE:	SCALE:	SHEET:	REV:
TOLERANCE UNLESS OTHERWISE SPECIFIED			A4		1/1	A
x ±0.50 [0.019"]						
.x ±0.20 [0.008"]						
.xx ±0.10 [0.004"]						
ANGLES ±1°						