

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

TECHNICAL DATA

► Electrical Data

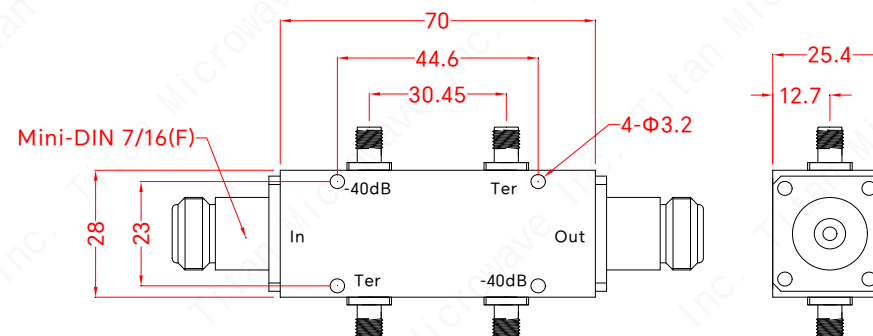
Frequency Range	2000~6000MHz
Coupling	40±1.0dB max
Coupling Flatness	±0.6dB
Insertion Loss	0.3dB max
Main Line VSWR	1.3 max
Coupled Line VSWR	1.5 max
Directivity	15dB min
Impedance	50 Ohms
Average Power	400W(CW)

► Mechanical Data

Input Connectors	Mini-DIN 4.3-10-Female
Output Connectors	SMA-Female
Housing Material	Aluminum 6061
Surface Finish	Conductive Oxidation
Dimensions	70×28×25.4mm

► 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, 2-6GHz, 40dB, 400W, Mini DIN 4.3-10-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-02000600-40DS400	 DIMENSIONS IN MILLIMETERS(mm) <table><tr><td>SIZE: A4</td><td>SCALE:</td><td>SHEET: 1/1</td><td>REV: A</td></tr></table>	SIZE: A4	SCALE:	SHEET: 1/1	REV: A
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°							

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