

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

TECHNICAL DATA

► Electrical Data

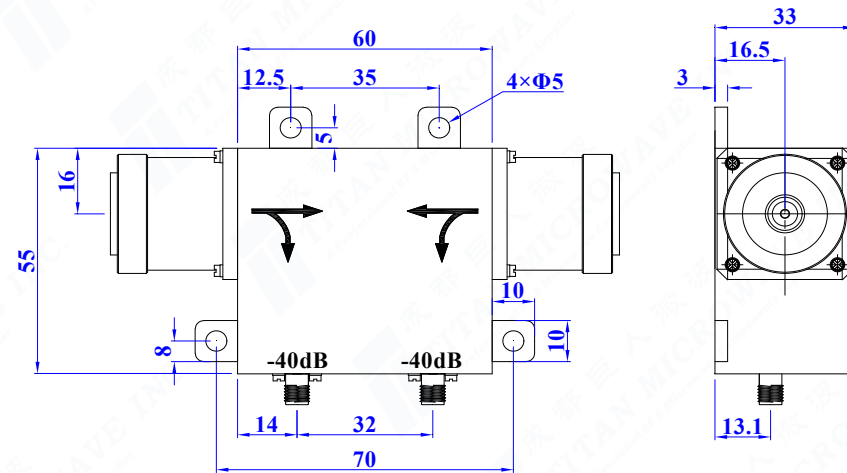
Frequency Range	1000~2000MHz
Coupling	40±1.0dB max
Coupling Flatness	±0.5dB max
Insertion Loss	0.3dB max
Primary Line VSWR	1.2:1 max
Directivity	18dB min
Impedance	50 Ohms
Primary Line Power	1300W(CW), 3200W(PK, 40% Duty Cycle)

► Mechanical Data

Primary Line Connectors	DIN 7/16(L29)-Female
Coupled Connectors	SMA-Female
Housing Material	Aluminum
Surface Finish	Conductive Oxidation
Dimensions	60×55×33mm

► 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, 1000~2000MHZ, 40dB, 1300W, DIN 7/16(L29)~Female & SMA- Female PART No.: TDDC-01000200-40DS1.3KW		 成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier -  DIMENSIONS IN MILLIMETERS(mm)	
ENGINEER: J. Zhu 30/04/25						
APPROVED: C. Chen 30/04/25						
TOLERANCE UNLESS OTHERWISE SPECIFIED						
x	±0.50	[0.019"]				
.x	±0.20	[0.008"]				
.xx	±0.10	[0.004"]				
ANGLES	±1°					
					SIZE: A4	SCALE:
					SHEET: 1/1	REV: A