

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2025/3/24	C. Chen

TECHNICAL DATA

► Electrical Data

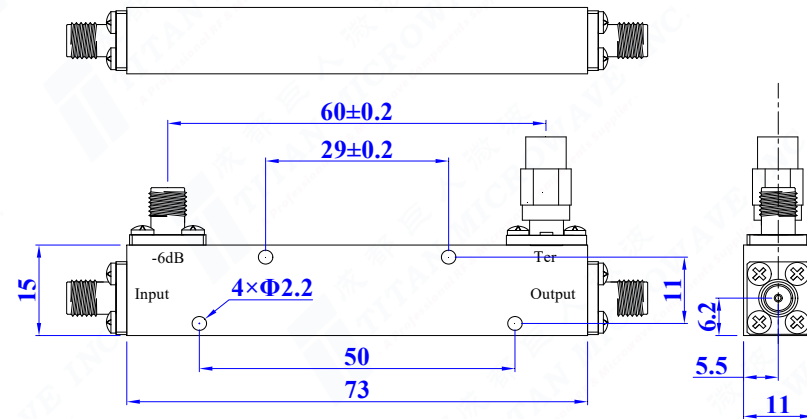
Frequency Range	1000~4000MHz
Nominal Coupling	20±1.0dB max
Coupling Flatness	±0.5dB max
Insertion Loss	0.4dB max
Main Line VSWR	1.2:1 max
Directivity	20dB min
Impedance	50 Ohms
Main Line Power	50W(CW)

► Mechanical Data

Input/Output Connectors	SMA-Female
Coupled Connector	SMA-Female
Body Material	Aluminum
Surface Finish	Conductive Oxide
Dimensions	73×15×11mm

► 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 24/03/25			TITLE: Single Directional Coupler, 1000~4000MHZ 20dB, 50W SMA-Female		成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier - www.titan-microwave.com					
ENGINEER: J. Zhu 24/03/25										
APPROVED: C. Chen 24/03/25										
TOLERANCE UNLESS OTHERWISE SPECIFIED			PART No.: TMDC-01000400-20S50		DIMENSIONS IN MILLIMETERS(mm)					
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	