

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2024/6/9	C. Chen

TECHNICAL DATA

► Electrical Data

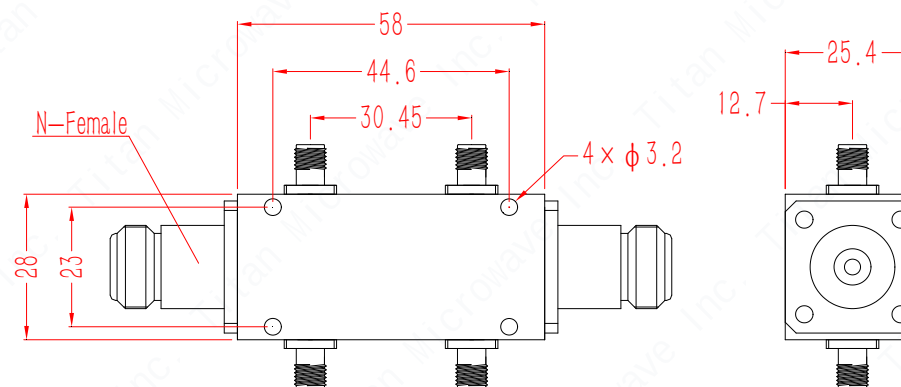
Frequency Range	2000~6000MHz
Coupling	40±1.0dB max
Coupling Flatness	±0.5dB
Insertion Loss	0.3dB max
Main Line VSWR	1.3 max
Coupled Line VSWR	1.5 max
Directivity	15dB min
Impedance	50 Ohms
Average Power	500W(CW)

► Mechanical Data

Input Connectors	N-Female
Output Connectors	SMA-Female
Housing Material	Aluminum 6061
Surface Finish	Conductive Oxidation
Dimensions	58×28×25.4mm

► 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 09/06/24			TITLE: Dual Directional Coupler, 2-6GHz, Coupling 40dB, 500W, N-Female & SMA-Female		成都巨人微波 TITAN MICROWAVE INC. <i>- A Professional RF & Microwave Components Supplier -</i> www.titan-microwave.com							
ENGINEER: J. Zhu 09/06/24												
APPROVED: C. Chen 09/06/24					PART No.: TDDC-02000600-40NS500		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:
SIZE: A4	SCALE:	SHEET: 1/1	REV: A									
TOLERANCE UNLESS OTHERWISE SPECIFIED												
x	±0.50	[0.019"]										
.x	±0.20	[0.008"]										
.xx	±0.10	[0.004"]										
ANGLES	±1°											