

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

TECHNICAL DATA

► Electrical Data

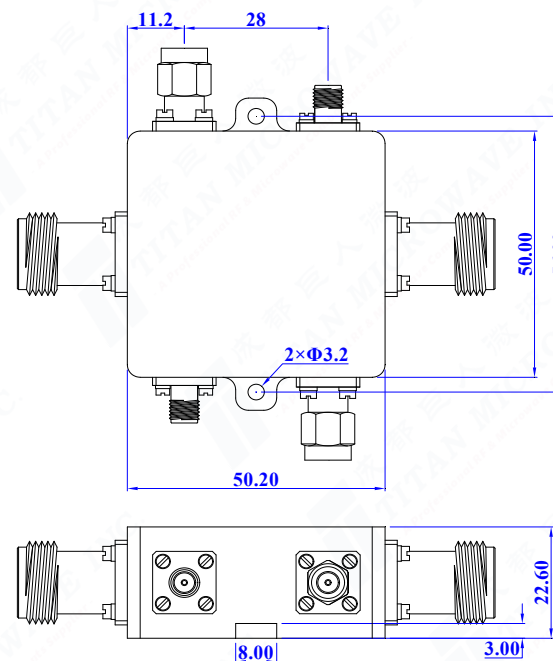
Frequency Range	1400~1900MHz
Coupling	50±2dB
Insertion Loss	0.3dB max
Primary Line VSWR	1.3:1 max
Directivity	23dB min
Impedance	50 Ohms
Primary Line Power	500W(CW)

► Mechanical Data

Primary Line Connectors	N-Female
Coupled Connectors	SMA-Female
Housing Material	Aluminum
Surface Finish	Conductive Oxidation
Dimensions	50.2×50×22.6mm

► Environmental Data

Operating Temperature	-40℃~+70℃
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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			<div>TITLE:</div> <div>Dual Directional Coupler, 1400~1900MHz, 50dB, 500W, N-Female & SMA-Female</div>	<div><div><div><div></div><div></div></div><div>成都巨人微波</div><div>TITAN MICROWAVE INC.</div><div>A Professional RF & Microwave Components Supplier</div></div><div>www.titan-microwave.com</div></div>			
ENGINEER: J. Zhu 30/04/25							
APPROVED: C. Chen 30/04/25							
TOLERANCE UNLESS OTHERWISE SPECIFIED							
x	±0.50	[0.019"]	<div>PART No.:</div> <div>TDDC-01400190-50NS500</div>	<div><div><div><div></div><div></div></div><div></div></div><div>DIMENSIONS IN MILLIMETERS(mm)</div></div>			
.x	±0.20	[0.008"]					
.xx	±0.10	[0.004"]					
ANGLES	±1°						
			SIZE:	SCALE:	SHEET:	REV:	
			A4		1/1	A	