

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

TECHNICAL DATA

► Electrical Data

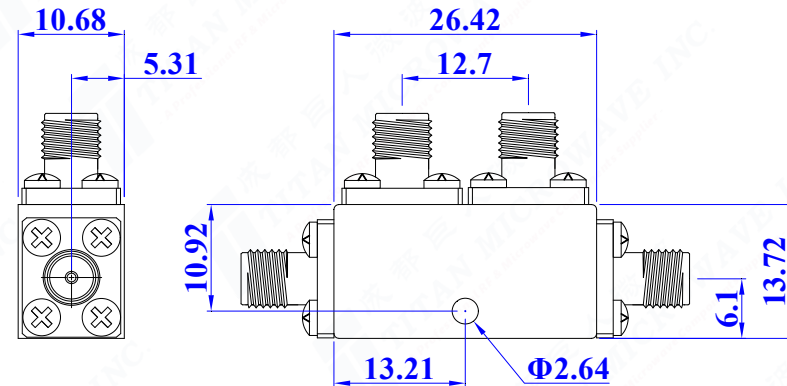
Frequency Range	4~8GHz
Coupling	20±1.25dB max
Coupling Flatness	±0.75dB max
Insertion Loss	0.3dB max
Primary Line VSWR	1.25:1 max
Directivity	20dB min
Impedance	50 Ohms
Primary Line Power	30W

► Mechanical Data

Primary Line Connectors	SMA-Female
Coupled Connectors	SMA-Female
Housing Material	Aluminum
Surface Finish	Conductive Oxidation
Dimensions	26.42×13.72×10.68mm



► 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: Single Directional Coupler, 4~8GHz, 20dB, 30W, SMA-Female		<div> 成都巨人微波 TITAN MICROWAVE INC. <small>- A Professional RF & Microwave Components Supplier -</small></div> <div>www.titan-microwave.com</div>					
ENGINEER: J. Zhu 30/04/25										
APPROVED: C. Chen 30/04/25										
TOLERANCE UNLESS OTHERWISE SPECIFIED			PART No.: TMDC-04000800-20S30		<div> DIMENSIONS IN MILLIMETERS(mm)</div>					
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	