

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

## TECHNICAL DATA

### ► Electrical Data

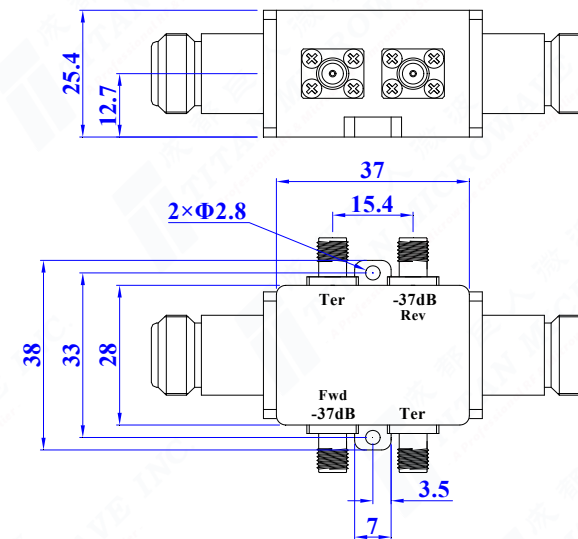
Frequency Range	6~8GHz
Coupling	37±1.0dB
Coupling Flatness	±0.5dB max
Insertion Loss	0.3dB max
Primary Line VSWR	1.3:1 max
Coupled Line VSWR	1.5:1 max
Directivity	15dB min
Impedance	50 Ohms
Primary Line Power	150W

### ► Mechanical Data

Primary Line Connectors	N-Female
Coupled Connectors	SMA-Female
Housing Material	Aluminum
Surface Finish	Conductive Oxidation
Dimensions	42×32×22mm

### ► Environmental Data

Operating Temperature	-40℃~+70℃
-----------------------	-----------



#### 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:  Dual Directional Coupler, 6~8GHz, 37dB, 150W, N-Male &amp; 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 &amp; 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										
<div><div>x±0.50[0.019"]</div><div>.x±0.20[0.008"]</div><div>.xx±0.10[0.004"]</div><div>ANGLES±1°</div></div>			<div>PART No.:  TDDC-06000800-37NS150</div>		<div><div><div><div></div><div></div></div><div></div><div>DIMENSIONS IN MILLIMETERS(mm)</div></div></div>					
					SIZE: A4		SCALE:		SHEET: 1/1	
									REV: A	