

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

TECHNICAL DATA

► Electrical Data

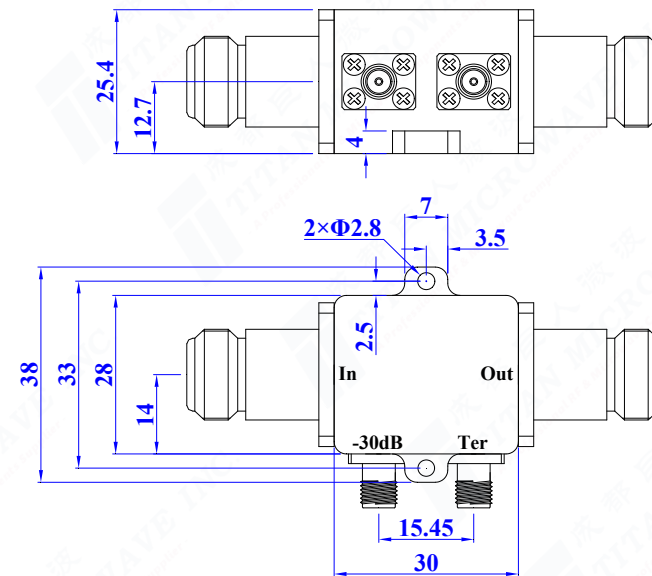
Frequency Range	6000~18000MHz
Nominal Coupling	30±1.5dB
Insertion Loss	0.5dB max
Primary Line VSWR	1.5:1 max
Coupled Line VSWR	1.8:1 max
Directivity	10dB min
Impedance	50 Ohms
Primary Line Power	200W(CW)

► Mechanical Data

Input/Output Connectors	N-Female
Coupled Connector	SMA-Female
Body Material	Aluminum
Surface Finish	Conductive Oxide
Dimensions	30×28×25.4mm

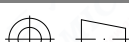
► Environmental Data

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 24/03/25	TITLE: Single Directional Coupler, 6~18GHz, 30dB, 200W N-Female & 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					
x ±0.50 [0.019"]	PART No.: TMDC-06001800-30NS200	 DIMENSIONS IN MILLIMETERS(mm)			
.x ±0.20 [0.008"]					
.xx ±0.10 [0.004"]					
ANGLES ±1°					
		SIZE: A4	SCALE:	SHEET: 1/1	REV: A