

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2025/3/11	C. Chen

TECHNICAL DATA

► Electrical Data

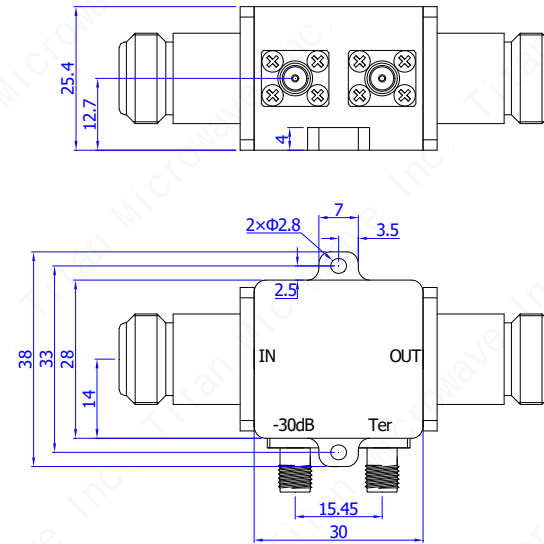
Frequency Range	6000~18000MHz
Coupling	30±1.5dB
Coupling Variation	±0.8dB max
Insertion Loss	0.5dB max
Primary Line VSWR	1.5 max
Coupled Line VSWR	1.8 max
Directivity	10dB min
Impedance	50 Ohms
Power Rating	200W(CW)

► Mechanical Data

Input/Output Connectors	N-Female
Coupled Connector	SMA-Female
Surface Finish	Conductive Oxidation
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 11/03/25			TITLE: Dual 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 11/03/25								
APPROVED: C. Chen 11/03/25								
TOLERANCE UNLESS OTHERWISE SPECIFIED								
x	±0.50	[0.019"]	PART No.: TDDC-06001800-30NS200	DIMENSIONS IN MILLIMETERS(mm)	SIZE:	SCALE:	SHEET:	REV:
.x	±0.20	[0.008"]						
.xx	±0.10	[0.004"]						
ANGLES	±1°							