

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

TECHNICAL DATA

► Electrical Data

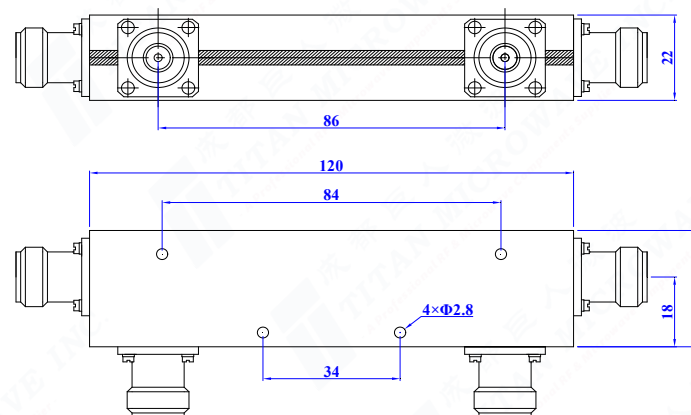
Frequency Range	1~6GHz
Nominal Coupling	15±1.5dB max
Insertion Loss	0.8dB max
Primary Line VSWR	1.4:1 max
Directivity	15dB min
Impedance	50 Ohms
Primary Line Power	100W(CW, max)

► Mechanical Data

Input/Output Connectors	N-Female
Coupled Connector	N-Female
Body Material	Aluminum
Surface Finish	Conductive Oxide
Dimensions	120×30×22mm



► 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, 1~6GHz, 15dB, 100W N-Female	<div> 成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier -</div> <div>www.titan-microwave.com</div>							
ENGINEER: J. Zhu 24/03/25											
APPROVED: C. Chen 24/03/25				<div> DIMENSIONS IN MILLIMETERS(mm)</div> <table><tr><td>SIZE: A4</td><td>SCALE:</td><td>SHEET: 1/1</td><td>REV: A</td></tr></table>				SIZE: A4	SCALE:	SHEET: 1/1	REV: A
SIZE: A4	SCALE:	SHEET: 1/1						REV: A			
TOLERANCE UNLESS OTHERWISE SPECIFIED											
x	±0.50	[0.019"]	PART No.: TMDC-01000600-15N100								
.x	±0.20	[0.008"]									
.xx	±0.10	[0.004"]									
ANGLES	±1°										