

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

TECHNICAL DATA

► Electrical Data

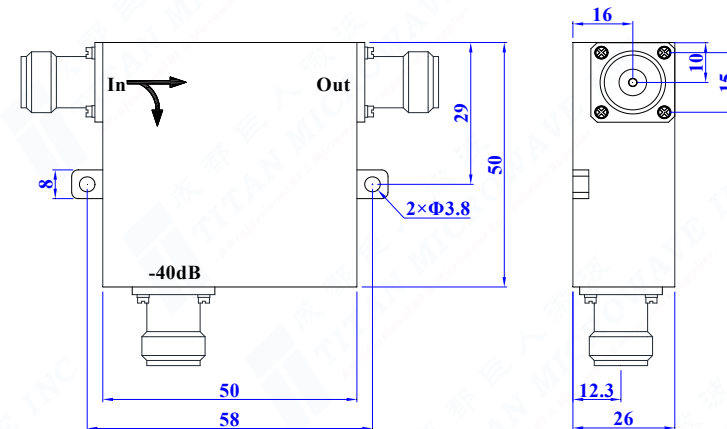
Frequency Range	0.8~3.5GHz
Nominal Coupling	40±1.5dB max
Coupling Flatness	±1.2dB
Insertion Loss	0.35dB max
Main Line VSWR	1.4:1 max
Directivity	18dB min
Impedance	50 Ohms
Main Line Power	200W max

► Mechanical Data

Input/Output Connectors	N-Female
Coupled Connector	N-Female
Body Material	Aluminum
Surface Finish	Conductive Oxide
Dimensions	50×50×26mm

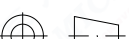
► Environmental Data

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, 0.8~3.5GHz 40dB, 200W N-Female	 成都巨人微波 TITAN MICROWAVE INC. <i>- A Professional RF & Microwave Components Supplier -</i>			
ENGINEER: J. Zhu 24/03/25					
APPROVED: C. Chen 24/03/25					
TOLERANCE UNLESS OTHERWISE SPECIFIED		www.titan-microwave.com			
x ±0.50 [0.019"]	PART No.: TMDC-00800350-40N200			DIMENSIONS IN MILLIMETERS(mm)	
.x ±0.20 [0.008"]					
.xx ±0.10 [0.004"]					
ANGLES ±1°					
		SIZE: A4	SCALE:	SHEET: 1/1	REV: A