

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

TECHNICAL DATA

► Electrical Data

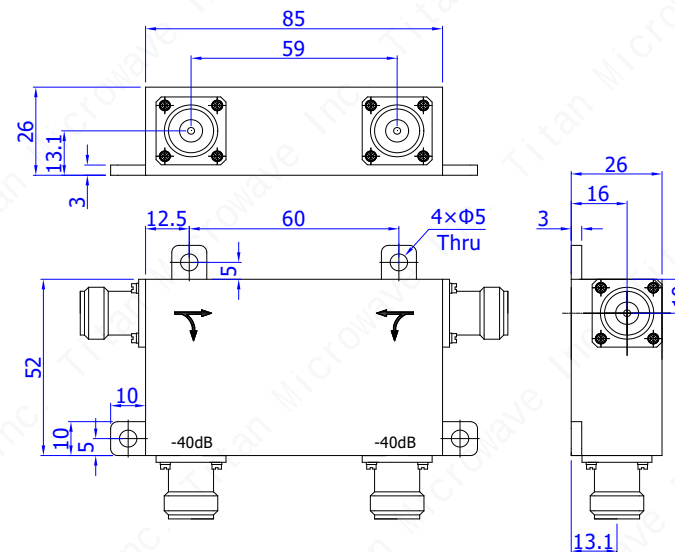
Frequency Range	225~1000MHz
Coupling	40±2.0dB
Insertion Loss	0.5dB max
Primary Line VSWR	1.4:1 max
Coupled Line VSWR	1.4:1 max
Directivity	13dB min
Impedance	50 Ohms
Primary Line Power	400W

► Mechanical Data

Input/Output Connectors	N-Female
Coupled Connector	N-Female
Surface Finish	Conductive Oxidation
Dimensions	85×52×26mm

► 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 11/03/25	TITLE: Dual Directional Coupler, 225~1000MHz, 40dB, 400W N-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		PART No.: TDDC-00220100-40N400	DIMENSIONS IN MILLIMETERS(mm)			
APPROVED: C. Chen 11/03/25			SIZE:	SCALE:	SHEET:	REV:
TOLERANCE UNLESS OTHERWISE SPECIFIED			A4		1/1	A
x ±0.50 [0.019"]						
.x ±0.20 [0.008"]						
.xx ±0.10 [0.004"]						
ANGLES ±1°						