

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

TECHNICAL DATA

► Electrical Data

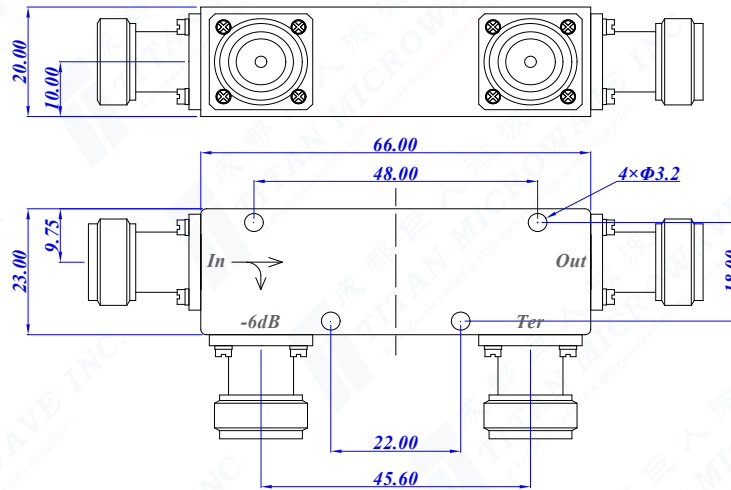
Frequency Range	1000~1100MHz
Nominal Coupling	6±1.0dB
Coupling Flatness	±0.3dB max
Insertion Loss	1.6dB max(including coupling loss 1.25dB)
VSWR	1.2:1 max
Directivity	18dB min
Impedance	50 Ohms
Primary Line Power	1000W(Peak Power, Duty Cycle ≤10%)
IP Rating	IP65

► Mechanical Data

Input/Output Connectors	N-Female
Coupled Connector	N-Female
Body Material	Aluminum
Surface Finish	Conductive Oxide
Dimensions	66×23×20mm

► 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		
ENGINEER: J. Zhu 24/03/25		
APPROVED: C. Chen 24/03/25		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

TITLE:

Single Directional Coupler,
1000~1100MHz, 6dB,
1000W(PW),
N-Female

PART No.:

TMDC-01000110-6N1KW



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DIMENSIONS IN MILLIMETERS(mm)

SIZE: A4	SCALE:	SHEET: 1/1	REV: A
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