

TECHNICAL DATA

► Electrical Data

Frequency Range	2~30MHz
Nominal Coupling	10±0.5dB
Insertion Loss	0.8dB max
Primary Line VSWR	1.5:1 max
Directivity	16dB
Impedance	50 Ohms
Power Rating	1000W(CW)

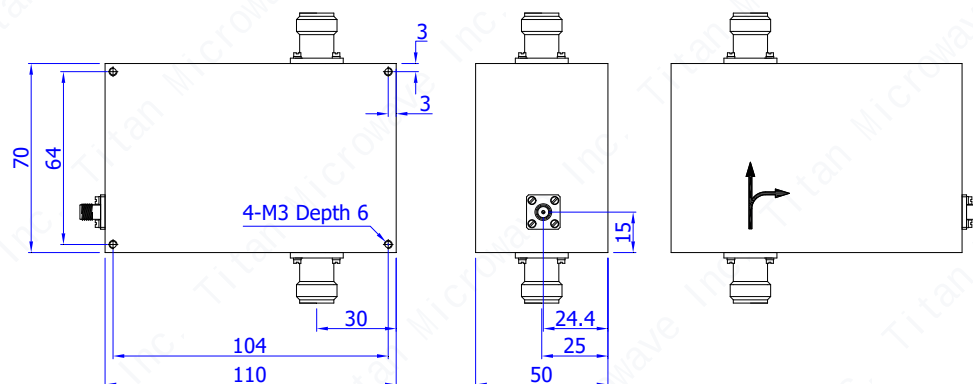
► Mechanical Data

Input/Output Connectors	N-Female
Coupled Connector	SMA-Female
Body Material	Aluminum
Surface Finish	Conductive Oxide
Dimensions	110×70×50mm

► Environmental Data

Operating Temperature	-55℃~+85℃
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REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2025/3/24	C. Chen



Notes:

1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
2. 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,
2~30MHz
Coupling 10dB, 1000W
N-Female & SMA-Female

PART No.:

TMDC-2M30M-10NS1KW



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DIMENSIONS IN MILLIMETERS(mm)

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