

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2025/4/30	C. Chen

TECHNICAL DATA

► Electrical Data

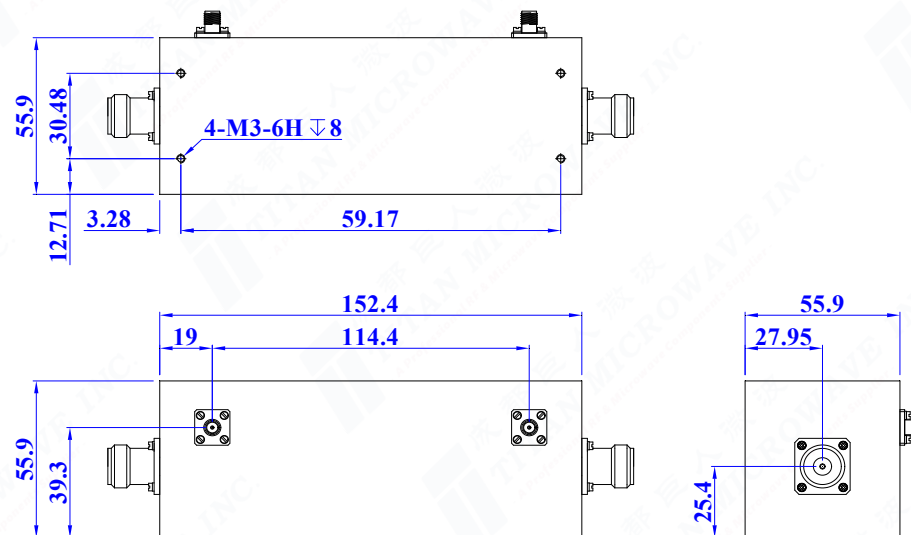
Frequency Range	1.5~30MHz
Coupling	50±1.0dB
Coupling Flatness	±0.3dB max
Insertion Loss	0.15dB max
Primary Line VSWR	1.1:1 max
Coupled Line VSWR	1.2:1 max
Directivity	20dB min
Impedance	50 Ohms
Primary Line Power	1800W(CW)

► Mechanical Data

Primary Line Connectors	N-Female
Coupled Connectors	SMA-Female
Housing Material	Aluminum
Surface Finish	Conductive Oxidation
Dimensions	152.4×55.9×55.9mm

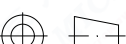
► Environmental Data

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 30/04/25			TITLE: Dual Directional Coupler, 1.5~30MHz, 50dB, 1800W, N-Female & SMA-Female		 成都巨人微波 TITAN MICROWAVE INC. A Professional RF & Microwave Components Supplier							
ENGINEER: J. Zhu 30/04/25					www.titan-microwave.com							
APPROVED: C. Chen 30/04/25												
TOLERANCE UNLESS OTHERWISE SPECIFIED			PART No.: TDDC-1.5M30M-50NS1K8W		 DIMENSIONS IN MILLIMETERS(mm)							
x ±0.50 [0.019"]					SIZE:		SCALE:		SHEET:		REV:	
.x ±0.20 [0.008"]					A4				1/1		A	
.xx ±0.10 [0.004"]												
ANGLES ±1°												

x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	