

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

TECHNICAL DATA

► Electrical Data

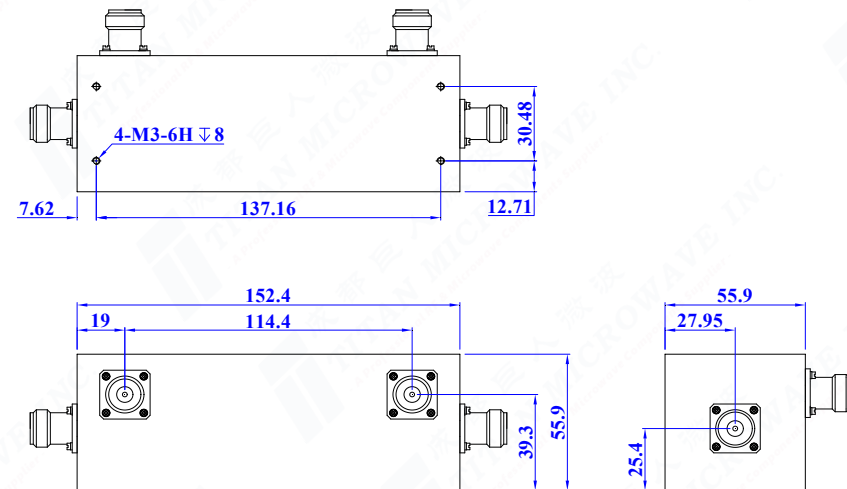
Frequency Range	9KHz~100MHz
Coupling	50±1.0dB
Coupling Flatness	±0.5dB max
Insertion Loss	0.25dB max
Primary Line VSWR	1.15:1 max
Coupled Line VSWR	1.35:1 max
Directivity	20dB min
Impedance	50 Ohms
Primary Line Power	1000W(CW)

► Mechanical Data

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

► Environmental Data

Operating Temperature	-55℃~+85℃
-----------------------	-----------



DRAWN: L. Ma 30/04/25			TITLE: Dual Directional Coupler, 9KHz~100MHz, 50dB, 1000W, N-Female	成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier -			
ENGINEER: J. Zhu 30/04/25							
APPROVED: C. Chen 30/04/25							
TOLERANCE UNLESS OTHERWISE SPECIFIED				www.titan-microwave.com			
x±0.50[0.019"] .x±0.20[0.008"] .xx±0.10[0.004"] ANGLES±1°			PART No.:	DIMENSIONS IN MILLIMETERS(mm)			
			TDDC-9K100M-50N1KW	SIZE: A4	SCALE:	SHEET: 1/1	REV: A

Notes:

- ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
- CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY

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