

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

TECHNICAL DATA

► Electrical Data

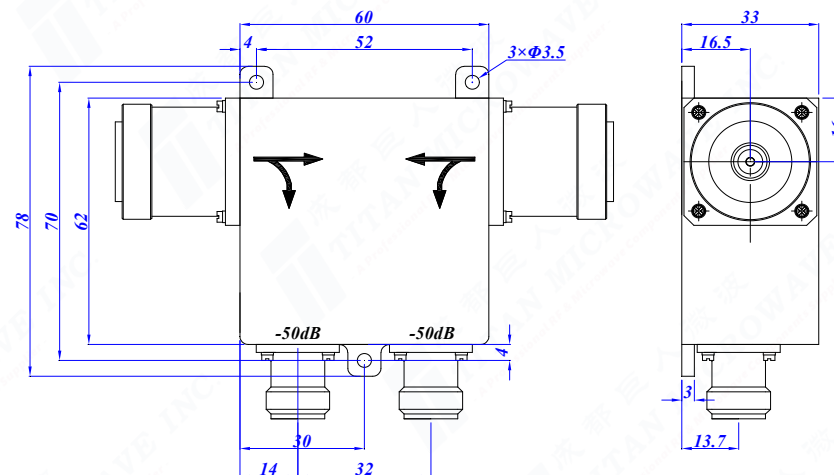
Frequency Range	800~4200MHz
Coupling	50±1dB max
Coupling Flatness	±1.2dB max
Insertion Loss	0.4dB max
Primary Line VSWR	1.3:1 max
Directivity	16dB min
Impedance	50 Ohms
Primary Line Power	700W(CW)

► Mechanical Data

Primary Line Connectors	DIN 7/16-Female
Coupled Connectors	N-Female
Housing Material	Aluminum
Surface Finish	Conductive Oxidation
Dimensions	60×62×33mm

► Environmental Data

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



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, 800~4200MHz, 50dB, 700W, DIN 7/16-Female & N-Female	成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier - www.titan-microwave.com			
ENGINEER: J. Zhu 30/04/25					
APPROVED: C. Chen 30/04/25					
TOLERANCE UNLESS OTHERWISE SPECIFIED					
x±0.50[0.019"] .x±0.20[0.008"] .xx±0.10[0.004"] ANGLES±1°	PART No.: TDDC-00800420-50DN700	 DIMENSIONS IN MILLIMETERS(mm)			
		SIZE: A4	SCALE:	SHEET: 1/1	REV: A