

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2025/3/11	C. Chen

TECHNICAL DATA

► Electrical Data

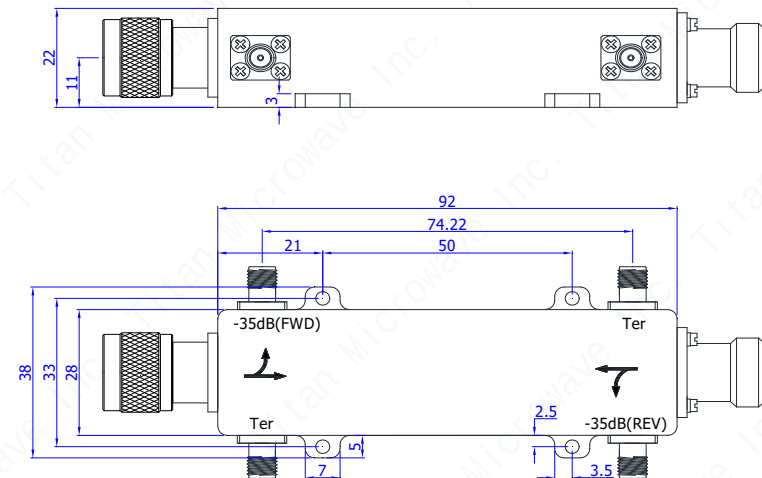
Frequency Range	700~6000MHz
Coupling	35±1.0dB
Coupling Flatness	±1.0dB max
Insertion Loss	0.5dB max
Primary Line VSWR	1.4 max
Coupled Line VSWR	1.7 max
Directivity	12dB min
Impedance	50 Ohms
Power Rating	500W

► Mechanical Data

Input Connector	N-Male
Output Connector	N-Female
Coupled Connector	SMA-Female
Surface Finish	Conductive Oxidation
Dimensions	92×28×22mm

► 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 11/03/25	TITLE: Dual Directional Coupler, 0.7~6GHz, 35dB, 500W N-Male/Female & SMA-Female	成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier -			
ENGINEER: J. Zhu 11/03/25					
APPROVED: C. Chen 11/03/25					
TOLERANCE UNLESS OTHERWISE SPECIFIED					
x ±0.50 [0.019"]	PART No.: TDDC-00700600-35NS500A	DIMENSIONS IN MILLIMETERS(mm)			
.x ±0.20 [0.008"]					
.xx ±0.10 [0.004"]					
ANGLES ±1°					
		SIZE: A4	SCALE:	SHEET: 1/1	REV: A