

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

TECHNICAL DATA

► Electrical Data

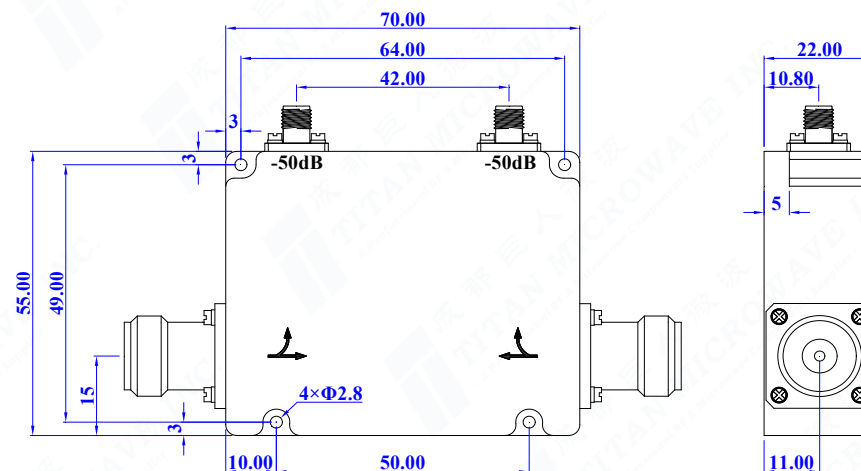
Frequency Range	30~520MHz
Coupling	50±1.0dB max
Coupling Flatness	±0.8dB max
Insertion Loss	0.2dB max
Primary Line VSWR	1.2:1 max
Directivity	20dB min
Impedance	50 Ohms
Primary Line Power	500W(CW), 8000W(PW)

► Mechanical Data

Primary Line Connectors	N-Female
Coupled Connectors	SMA-Female
Housing Material	Aluminum
Surface Finish	Conductive Oxidation
Dimensions	70×55×22mm

► 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 30/04/25
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°

TITLE:

Dual Directional Coupler,
30~520MHz, 50dB, 500W,
N-Female & SMA-Female

PART No.:

TDDC-00030052-50NS500



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DIMENSIONS IN MILLIMETERS(mm)

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