

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

## TECHNICAL DATA

### ► Electrical Data

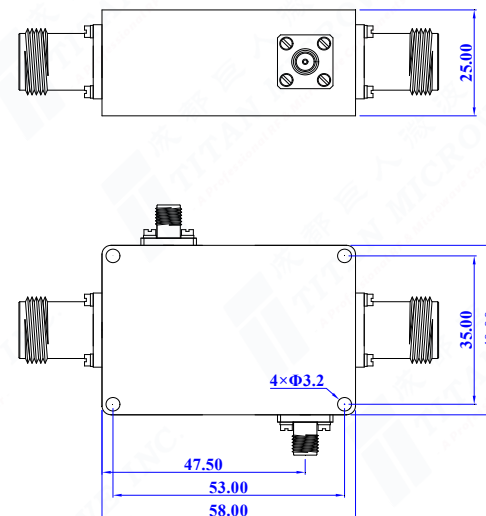
Frequency Range	5.9~7.5GHz
Coupling	40±1.5dB
Coupling Flatness	±0.8dB
Insertion Loss	0.6dB max
Primary Line VSWR	1.5:1 max
Directivity	12dB min
Impedance	50 Ohms
Primary Line Power	150W(CW, max)

### ► Mechanical Data

Primary Line Connectors	N-Female
Coupled Connectors	SMA-Female
Housing Material	Aluminum
Surface Finish	Conductive Oxidation
Dimensions	58×40×25mm

### ► 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,  
5.9~7.5GHz, 40dB, 150W,  
N-Female & SMA-Female

#### PART No.:

TDDC-05900750-40NS150



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DIMENSIONS IN MILLIMETERS(mm)

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