

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

TECHNICAL DATA

► Electrical Data

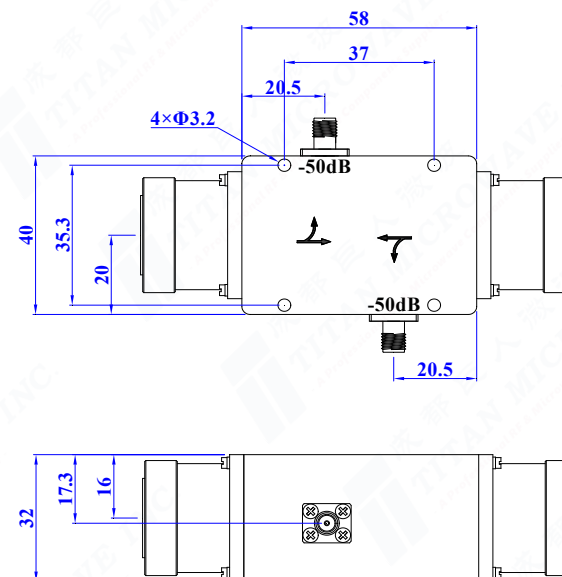
Frequency Range	2000~5000MHz
Coupling	50±1.5dB
Out-of-band Rejection@Coupled Port	40dB min@5~15GHz
Insertion Loss	0.3dB max
Primary Line VSWR	1.5:1 max
Directivity	10dB min
Impedance	50 Ohms
Primary Line Power	1000W(CW)

► Mechanical Data

Primary Line Connectors	DIN 7/16(L29)-Female
Coupled Connectors	SMA-Female
Housing Material	Aluminum
Surface Finish	Conductive Oxidation
Dimensions	58×40×32mm

► 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,
2~5GHz, 50dB, 1000W,
DIN 7/16(L29)-Female &
SMA-Female

PART No.:

TDDC-02000500-50DS1KW



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DIMENSIONS IN MILLIMETERS(mm)

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