

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

TECHNICAL DATA

► Electrical Data

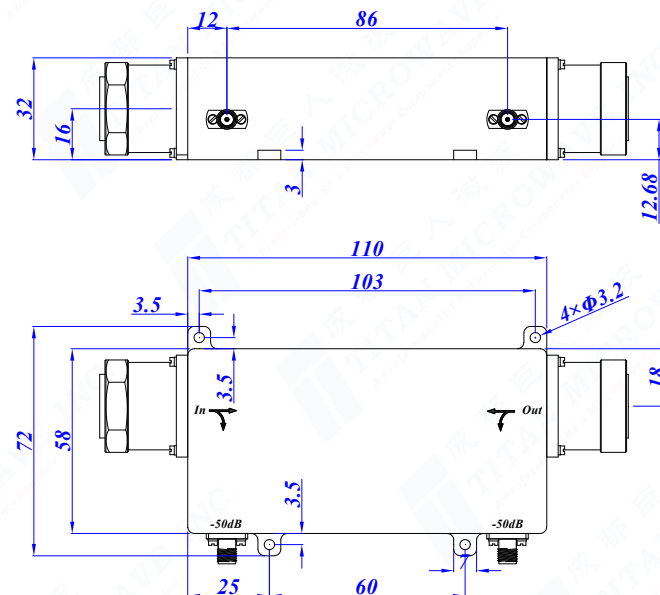
Frequency Range	500~2000MHz
Coupling	50±1.0dB max
Coupling Flatness	±0.6dB max
Insertion Loss	0.25dB max
Primary Line VSWR	1.25:1 max
Directivity	18dB min
Impedance	50 Ohms
Primary Line Power	3000W(CW)

► Mechanical Data

Primary Line Connectors	DIN 7/16-Male & Female
Coupled Connectors	SMA-Female
Housing Material	Aluminum
Surface Finish	Conductive Oxidation
Dimensions	110×58×32mm

► 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,
500~2000MHz, 50dB,
3000W, DIN 7/16-
Male/Female & SMA-Female

PART No.:

TDDC-00500200-50DS3KW



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DIMENSIONS IN MILLIMETERS(mm)

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