

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

TECHNICAL DATA

► Electrical Data

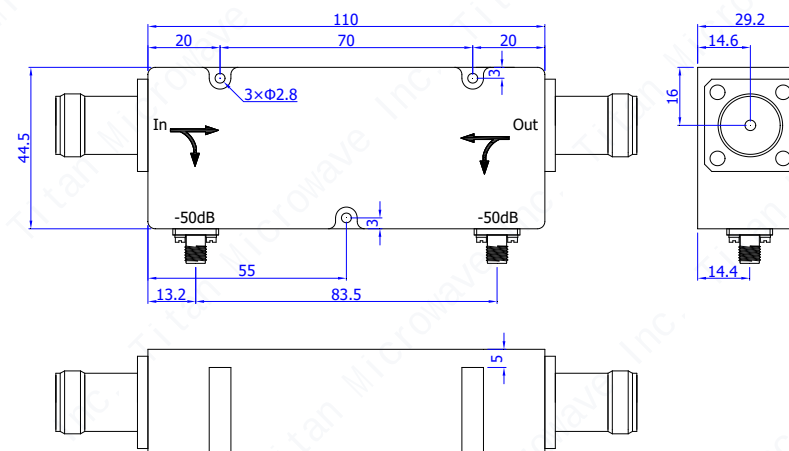
Frequency Range	20~1000MHz
Coupling	50±1.5dB
Coupling Flatness	±1.5dB max
Insertion Loss	0.3dB max
Primary Line VSWR	1.2 max
Directivity	18dB min
Impedance	50 Ohms
Primary Line Power	1000W(CW)

► Mechanical Data

Input/Output Connectors	SC-Female
Coupled Connector	SMA-Female
Surface Finish	Conductive Oxidation
Dimensions	110×44.5×29.2mm

► 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		
ENGINEER: J. Zhu 11/03/25		
APPROVED: C. Chen 11/03/25		
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,
0.02~1GHz, 50dB, 1000W
SC-Female & SMA-Female

PART No.:

TDDC-00020100-50CS1KW



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DIMENSIONS IN MILLIMETERS(mm)

SIZE:
A4

SCALE:

SHEET:
1/1

REV:
A