

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

TECHNICAL DATA

► Electrical Data

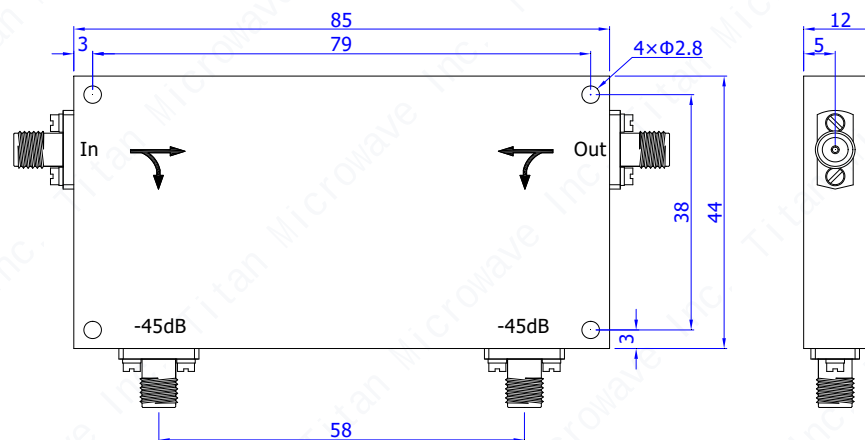
Frequency Range	80~1000MHz
Coupling	45±1.2dB
Insertion Loss	0.5dB max
Primary Line VSWR	1.3 max
Directivity	18dB min
Impedance	50 Ohms
Primary Line Power	100W max

► Mechanical Data

Input/Output Connectors	SMA-Female
Coupled Connector	SMA-Female
Surface Finish	Conductive Oxidation
Dimensions	85×44×12mm

► 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,
0.08~1GHz, 45dB, 100W
SMA-Female

PART No.:

TDDC-00080100-45S100



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DIMENSIONS IN MILLIMETERS(mm)

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