

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2026/1/6	C. Chen

TECHNICAL DATA

► Electrical Data

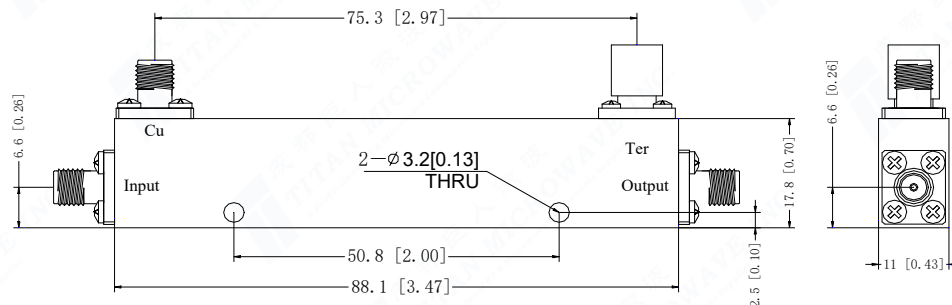
Frequency Range	1000~4000MHz
Nominal Coupling	20±1.0dB max
Insertion Loss	0.6dB max
Main Line VSWR	1.16:1 typ, 1.3:1 max
Coupled Line VSWR	1.15:1 typ, 1.3:1 max
Directivity	18dB min
Frequency Sensitivity	±1.0dB
Impedance	50 Ohms
Average Power	50W

► Mechanical Data

Input/Output Connectors	SMA-Female
Housing Material	Aluminum 6061
Surface Finish	Sandblasting Natural Color Conductive Oxide
Dimensions	88.1×17.8×11mm

► Environmental Data

Operating Temperature	-40℃~+70℃
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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 06/01/26
ENGINEER: J. Zhu 06/01/26
APPROVED: C. Chen 06/01/26
TOLERANCE UNLESS OTHERWISE SPECIFIED
x ±0.50 [0.019"]
.x ±0.20 [0.008"]
.xx ±0.10 [0.004"]
ANGLES ±1°

TITLE:

Directional Coupler,
1-4GHz, Coupling 20dB,
50W, SMA-Female

PART No.:

TMDC-01000400-20S50



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DIMENSIONS IN MILLIMETERS(mm)

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