

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

TECHNICAL DATA

► Electrical Data

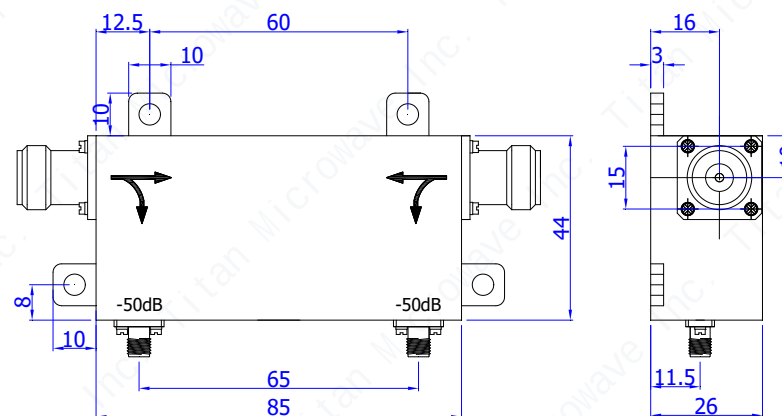
Frequency Range	400~2500MHz
Coupling	50±1.2dB max
Insertion Loss	0.3dB max
Primary Line VSWR	1.3:1 max
Directivity	18dB min
Impedance	50 Ohms
Primary Line Power	500W(CW) max

► Mechanical Data

Primary Line Connectors	N-Female
Coupled Connectors	SMA-Female
Housing Material	Aluminum
Surface Finish	Conductive Oxidation
Dimensions	85×44×26mm

► Environmental Data

Operating Temperature	-40℃~+85℃
Storage Temperature	-55℃~+85℃



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,
400~2500MHz, 50dB, 500W,
N~Female & SMA-Female

PART No.:

TDDC-00400250-50NS500



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DIMENSIONS IN MILLIMETERS(mm)

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