

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

TECHNICAL DATA

► Electrical Data

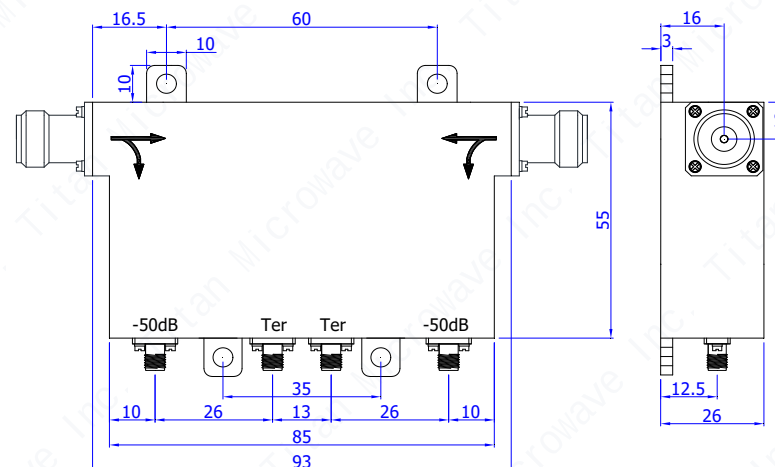
Frequency Range	100~520MHz
Coupling	50±1.0dB max
Coupling Flatness	±0.8dB max
Insertion Loss	0.2dB max
Primary Line VSWR	1.2:1 max
Coupled Line VSWR	1.6:1 max
Directivity	20dB min
Impedance	50 Ohms
Primary Line Power	600W(CW)

► Mechanical Data

Input/Output Connectors	N-Female
Coupled Connector	SMA-Female
Surface Finish	Conductive Oxidation
Dimensions	85×55×26mm

► Environmental Data

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



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,
100~520MHz, 50dB, 600W
N-Female & SMA-Female

PART No.:

TDDC-00100052-50NS600A



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

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