

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

TECHNICAL DATA

► Electrical Data

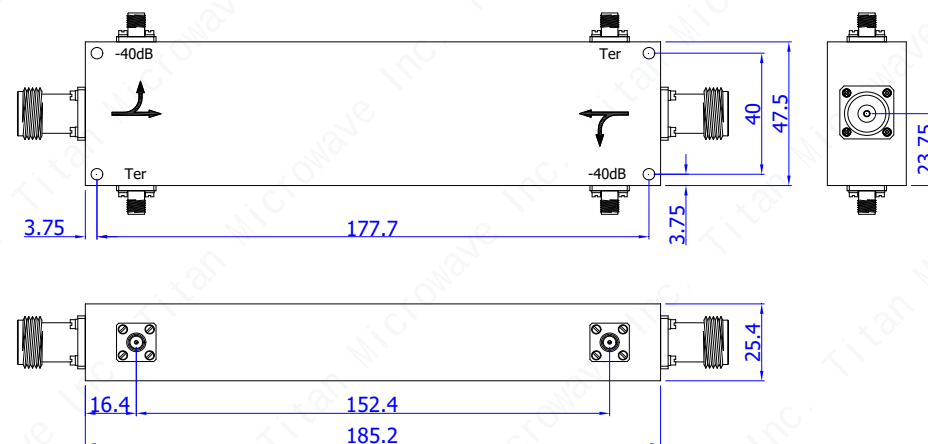
Frequency Range	400~12000MHz
Coupling	40±1.5dB
Coupling Flatness	±1.3dB max
Insertion Loss	0.8dB max
Primary Line VSWR	1.5:1 max
Coupled Line VSWR	1.6:1 max
Directivity	12dB min
Impedance	50 Ohms
Primary Line Power	200W(CW)

► Mechanical Data

Primary Line Connectors	N-Female
Coupled Connectors	SMA-Female
Housing Material	Aluminum
Surface Finish	Conductive Oxidation
Dimensions	185.2×47.5×25.4mm

► 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 30/04/25			TITLE: Dual Directional Coupler, 0.4~12GHz, 40dB, 200W, N~Female & SMA-Female			成都巨人微波 TITAN MICROWAVE INC. A Professional RF & Microwave Components Supplier www.titan-microwave.com		
ENGINEER: J. Zhu 30/04/25								
APPROVED: C. Chen 30/04/25								
TOLERANCE UNLESS OTHERWISE SPECIFIED			PART No.: TDDC-00401200-40NS200			DIMENSIONS IN MILLIMETERS(mm)		
x±0.50[0.019"] .x±0.20[0.008"] .xx±0.10[0.004"] ANGLES±1°						SIZE: A4 SCALE: SHEET: 1/1 REV: A		