

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2026/1/4	C. Chen

TECHNICAL DATA

► Electrical Data

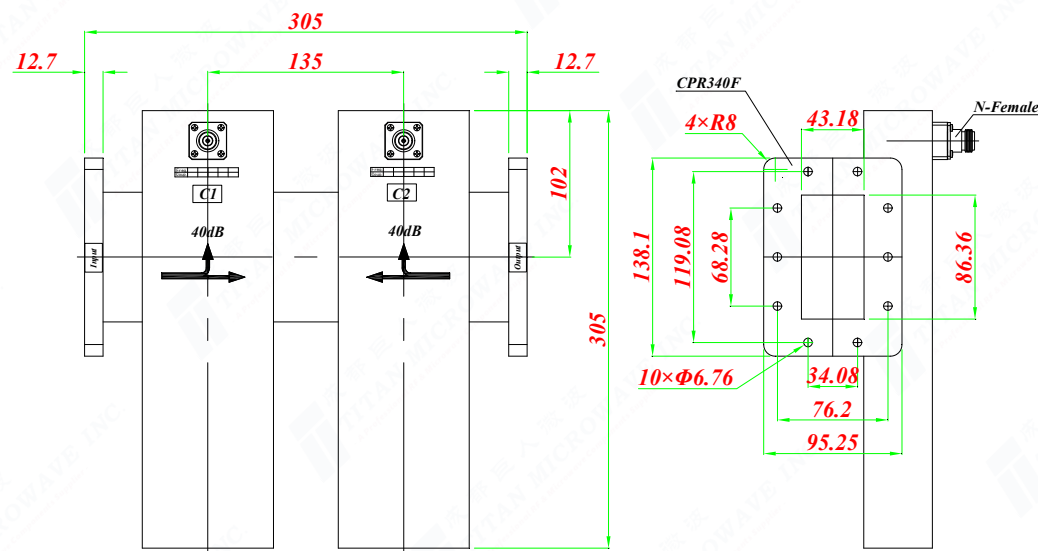
Frequency Range	2.2~2.7GHz
Forward Coupling	40dB
Reverse Coupling	40dB
Coupling Flatness	$\leq \pm 1.0\text{dB}$
VSWR	$\leq 1.15:1$ (Primary line), $\leq 1.3:1$ (Coupled line)
Power Handling	$\geq 500\text{W}$
Directivity	$\geq 20\text{dB}$

► Mechanical Data

Waveguide Type	WR-340(BJ26)
Flange	CPR340F
Coupled Connectors	N-Female
Material	Aluminum
Surface Finishing	Silver Plating
Surface Coating	High Temperature Black Painted

► Environmental Data

Operating Temperature	$-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$
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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 04/01/26
ENGINEER: J. Zhu 04/01/26
APPROVED: C. Chen 04/01/26
TOLERANCE UNLESS OTHERWISE SPECIFIED
x ± 0.50 $[0.019"]$
.x ± 0.20 $[0.008"]$
.xx ± 0.10 $[0.004"]$
ANGLES $\pm 1^{\circ}$

TITLE:

Dual Arm Cross Guide
Directional Coupler,
2.2~2.7GHz, 40dB, 500W,
WR-340, N-Female

PART No.:

TWGCD340C40C40NP500



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DIMENSIONS IN MILLIMETERS(mm)

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