

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2026/2/4	C. Chen

TECHNICAL DATA

► Electrical Data

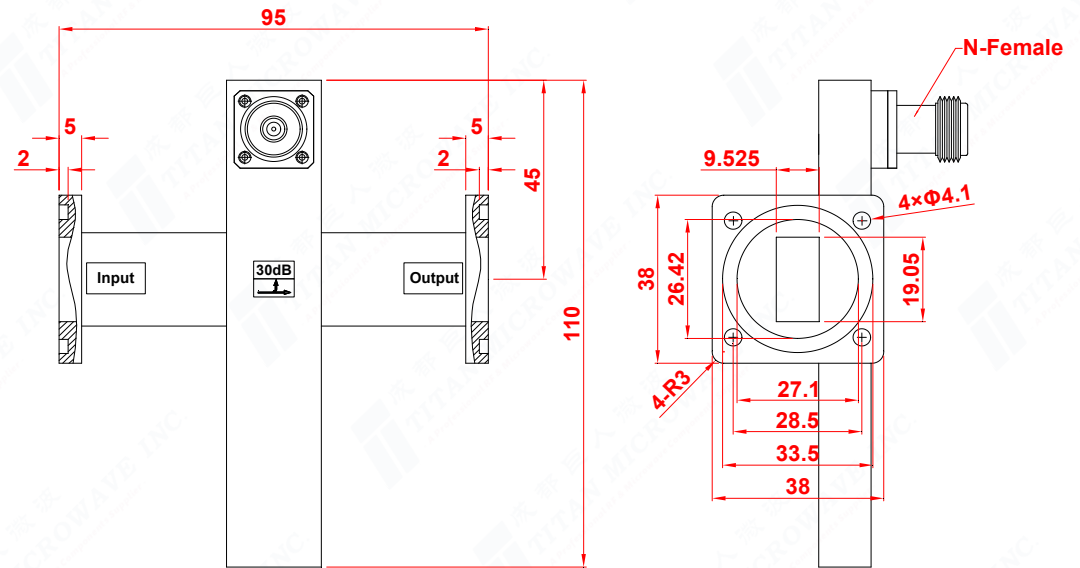
Frequency Range	9.84~15GHz
Coupling	30±1.5dB
VSWR(primary line)	1.1:1 max
VSWR(coupled port)	1.25:1 max
Directivity	20dB min
Primary Line Power	250W(CW, max)

► Mechanical Data

Waveguide Type	WR-75
Flange	FBM120(primary line)
Coupled Connector	N-Female(dust cap with chain)
Material	Aluminum
Surface Treatment	Conductive Oxidation
Surface Finish	T.Matte Back.III.Y

► 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 04/02/26
ENGINEER: J. Zhu 04/02/26
APPROVED: C. Chen 04/02/26
TOLERANCE UNLESS OTHERWISE SPECIFIED
x ±0.50 [0.019"]
.x ±0.20 [0.008"]
.xx ±0.10 [0.004"]
ANGLES ±1°

TITLE:

Waveguide Crossguide
Directional Coupler,
9.84~15GHz, 30dB, 250W,
WR-75, N-Female

PART No.:

TWGC75C30NP250



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DIMENSIONS IN MILLIMETERS(mm)

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