

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2022/12/21	C. Chen

TECHNICAL DATA

► Electrical Data

Frequency Range	1-6GHz
Nominal Coupling	30±0.7dB max
Coupling Flatness	±0.9dB max
Insertion Loss	0.4dB max(including theoretical loss)
VSWR Primary	1.3:1 max
VSWR Secondary	1.3:1 max
Directivity	15dB min
Impedance	50 Ohms
Average Power	600W(CW)
Peak Power	3000W

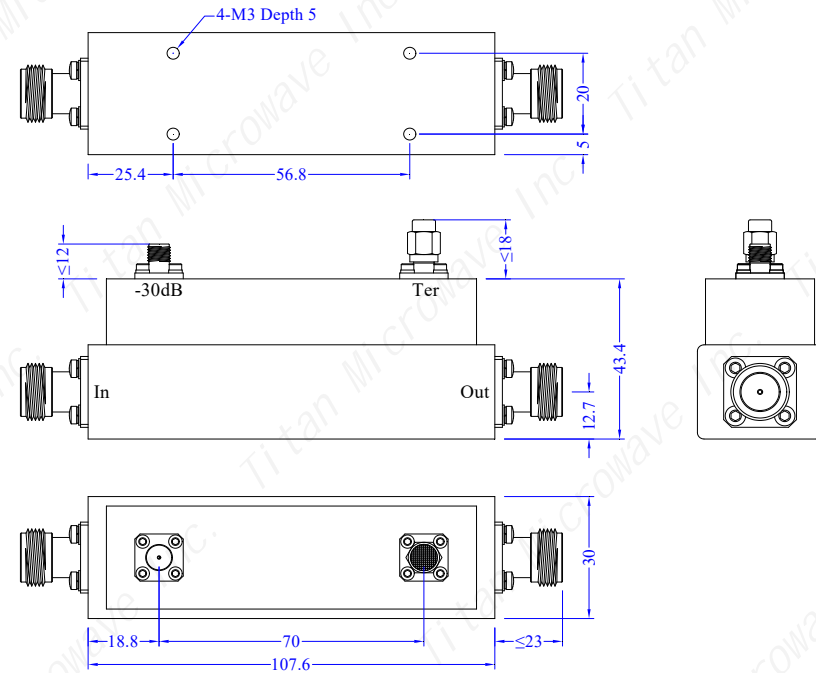
► Mechanical Data

Input/Output Connectors	N-Female
Coupled Connector	SMA-Female
Dimensions	107.6×30×43.4mm
Surface Finish	Nickel Plated

► Environmental Data

Operating Temperature	-55℃~+85℃
Storage Temperature	-55℃~+100℃

* Power Handling guaranteed when load's VSWR within 1.20:1



Notes:

- ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
- CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY

DRAWN: L. Ma 21/12/22		
ENGINEER: J. Zhu 21/12/22		
APPROVED: C. Chen 21/12/22		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

TITLE:
Directional Coupler, 1-6GHz, Coupling 30dB, 600W, N/SMA-Female

PART No.:
TMDC-01000600-30NS600

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DIMENSIONS IN MILLIMETERS(mm)

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