

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2022/4/16	C. Chen

TECHNICAL DATA

Electrical Data

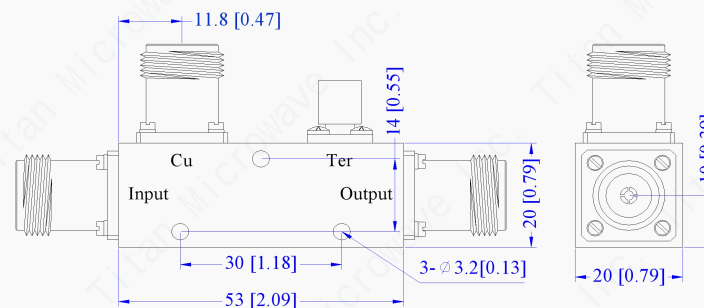
Frequency Range	2000~2400MHz
Insertion Loss	0.5dB max
VSWR Primary	1.25:1 max
VSWR Secondary	1.25:1 max
Directivity	18dB min
Nominal Coupling	30±0.5dB
Average Power	50W
Impedance	50 Ohms

Mechanical Data

Dimensions	53×20×20mm
Connector Type	N-Female
Surface Finish	Conductive Oxidation

Environmental Data

Operating Temperature	-45℃~+85℃
-----------------------	-----------



Notes:

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

DRAWN: L. Ma 16/04/22		
ENGINEER: J. Zhu 16/04/22		
APPROVED: C. Chen 16/04/22		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

TITLE:

Single Directional Coupler,
2~2.4GHz, 30dB, 50W,
N-Female

PART No.:

TMDC-02000240-30N50



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

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