

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

TECHNICAL DATA

► Electrical Data

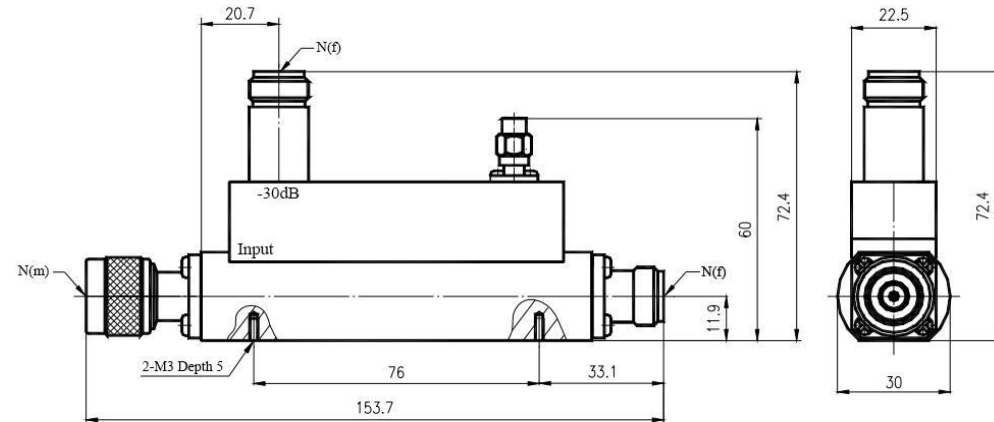
Frequency Range	2000~18000MHz
Nominal Coupling	30±1.5dB max
Insertion Loss	0.5dB max
Main Line VSWR	1.4 max
Coupled Line VSWR	1.6 max
Directivity	12dB min@2~12GHz 10dB min@2~18GHz
Impedance	50 Ohms
Average Power	400W
Peak Power	3kW max

► Mechanical Data

Input/Output Connectors	N-Male & N-Female
Coupled Port	N-Female
Housing Material	Aluminum 6061
Surface Finish	Black/Blue/Gray Paint
Dimensions	153.7×30×72.4mm

► 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 21/12/22	TITLE: Directional Coupler, 2-18GHz, Coupling 30dB, 400W, N-Male/Female			www.titan-microwave.com	
ENGINEER: J. Zhu 21/12/22					
APPROVED: C. Chen 21/12/22		PART No.:			DIMENSIONS IN MILLIMETERS(mm)
TOLERANCE UNLESS OTHERWISE SPECIFIED	TMDC-02001800-30N400H				
x ±0.50 [0.019"]					
.x ±0.20 [0.008"]					
.xx ±0.10 [0.004"]					
ANGLES ±1°					