

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2025/3/24	C. Chen

TECHNICAL DATA

► Electrical Data

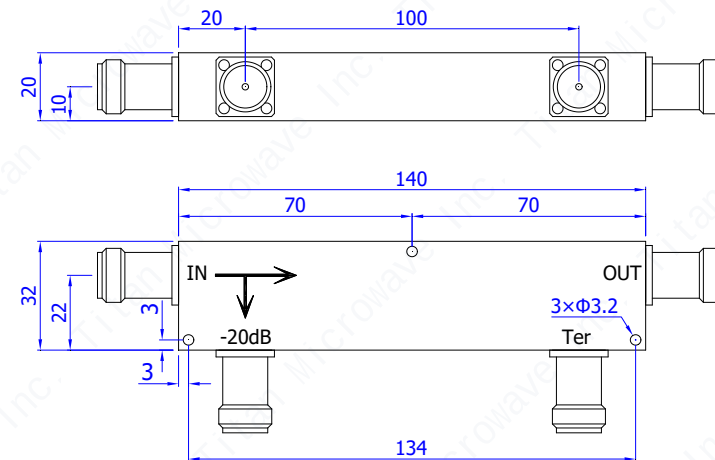
Frequency Range	1000~12000MHz
Nominal Coupling	20±1.0dB
Coupling Flatness	±0.6dB max
Insertion Loss	0.8dB max
Main Line VSWR	1.4:1 max
Coupled Line VSWR	1.5:1 max
Directivity	12dB min
Impedance	50 Ohms
Average Power	100W

► Mechanical Data

Input/Output Connectors	N-Female
Body Material	Aluminum
Surface Finish	Conductive Oxide
Dimensions	140×32×20mm

► Environmental Data

Operating Temperature	-55℃~+85℃
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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 24/03/25	TITLE: Directional Coupler 1-12GHz, Coupling 20dB, 100W N-Female PART No.: TMDC-01001200-20N100	 成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier - www.titan-microwave.com			
ENGINEER: J. Zhu 24/03/25		 DIMENSIONS IN MILLIMETERS(mm)			
APPROVED: C. Chen 24/03/25		SIZE:	SCALE:	SHEET:	REV:
TOLERANCE UNLESS OTHERWISE SPECIFIED		A4		1/1	A
x ±0.50 [0.019"]					
.x ±0.20 [0.008"]					
.xx ±0.10 [0.004"]					
ANGLES ±1°					