

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2023/7/9	C. Chen

TECHNICAL DATA

► Electrical Data

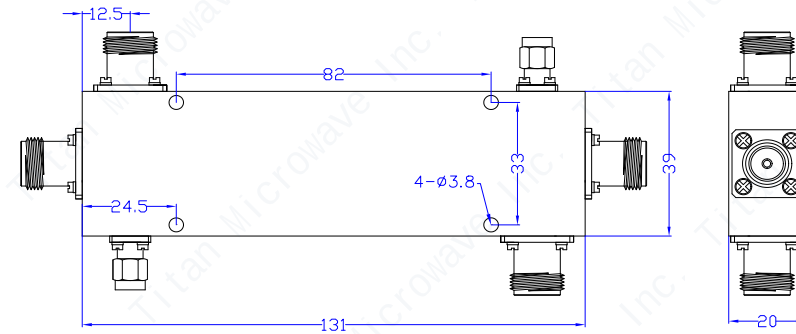
Frequency Range	500~6000MHz
Coupling	40dB(39~41.5dB)
Amplitude Balance	±1.0dB max
Insertion Loss	0.5dB max
VSWR	1.25 max
Directivity	10dB min
Impedance	50 Ohms
Average Power	300W

► Mechanical Data

RF Connectors	N-Female & SMA-Female
Housing Material	Aluminum 6061
Surface Finish	Conductive Oxidation
Dimensions	131×39×20mm

► Environmental Data

Operating Temperature	-40℃~+75℃
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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 09/07/23			TITLE: Dual Directional Coupler, 0.5-6GHz, Coupling 40dB, 300W, N-Female & SMA- Female	 成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier -		www.titan-microwave.com	
ENGINEER: J. Zhu 09/07/23							
APPROVED: C. Chen 09/07/23				  DIMENSIONS IN MILLIMETERS(mm)			
TOLERANCE UNLESS OTHERWISE SPECIFIED							
x	±0.50	[0.019"]	PART No.: TDDC-00500600-40NS300	SIZE:	SCALE:	SHEET:	REV:
.x	±0.20	[0.008"]		A4		1/1	A
.xx	±0.10	[0.004"]					
ANGLES	±1°						