

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

TECHNICAL DATA

► Electrical Data

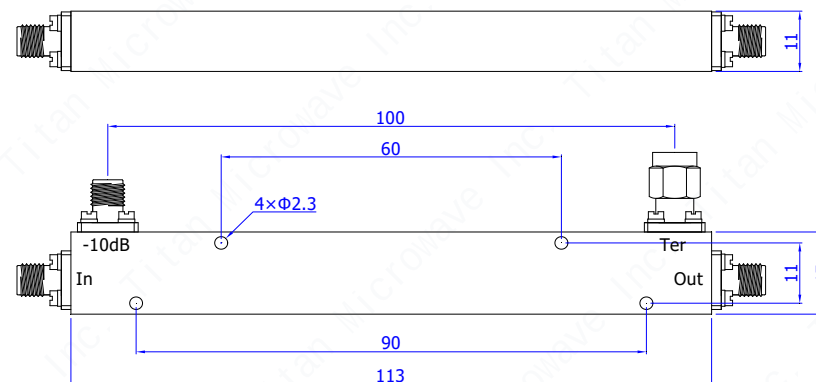
Frequency Range	0.5-8GHz
Coupling	10±1dB max
Amplitude Balance	±0.7dB max
Insertion Loss	1.2dB max
VSWR	1.3:1 max
Directivity	15dB min
Power	20W(CW)

► Mechanical Data

Input/Output Connectors	SMA-Female
Coupled Connector	SMA-Female
Material	Aluminum
Surface Treatment	Gray Painted
Dimensions	113×15×11mm

► Environmental Data

Operating Temperature	-40℃~+85℃
Storage Temperature	-50℃~+105℃



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, 0.5-8GHz, 10dB, 20W, SMA-Female	 www.titan-microwave.com		
ENGINEER: J. Zhu 21/12/22				
APPROVED: C. Chen 21/12/22		 DIMENSIONS IN MILLIMETERS(mm)		
TOLERANCE UNLESS OTHERWISE SPECIFIED	PART No.:	SIZE:	SCALE:	SHEET:
x ±0.50 [0.019"]	TMDC-00500800-10S20	A4		1/1
.x ±0.20 [0.008"]				REV:
.xx ±0.10 [0.004"]				A
ANGLES ±1°				