

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

## TECHNICAL DATA

### ► Electrical Data

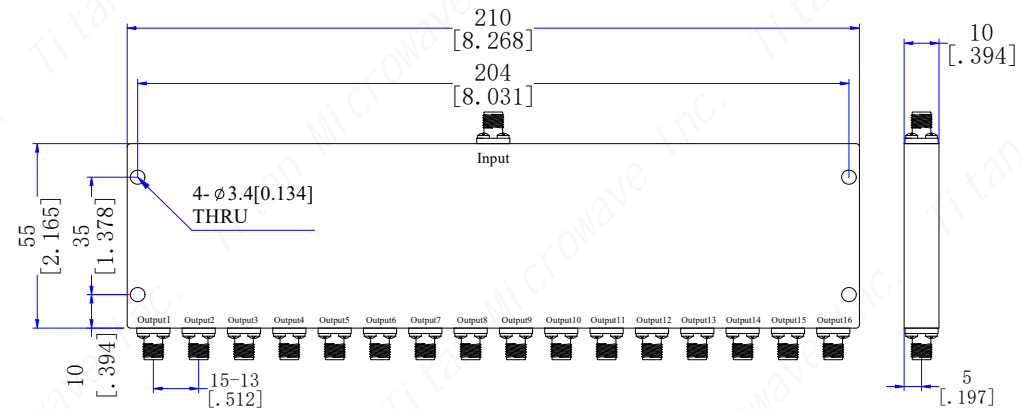
Frequency Range	7000~9000MHz
Insertion Loss (excluding theoretical loss 12.0dB)	1.0dB max
Input Port VSWR	1.19 typ, 1.35 max
Output Port VSWR	1.14 typ, 1.25 max
Isolation	18dB min, 25dB typ
Amplitude Balance	±0.4dB
Phase Balance	±5°
Impedance	50 Ohms
Power Rating	20W(as a splitter) 1W(as a combiner)

### ► Mechanical Data

Input/Output Connectors	SMA-Female
Connectors Material	Stainless Steel
Housing Material	Aluminum
Dimensions	210×55×10mm
Surface Finish	Black/Blue/Gray Painted

### ► Environmental Data

Operating Temperature	-40℃~+70℃
-----------------------	-----------



#### Notes:

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

DRAWN: L. Ma 21/12/22		
ENGINEER: J. Zhu 21/12/22		
APPROVED: C. Chen 21/12/22		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

**TITLE:**  
Power Divider, 16 Way,  
7~9GHz, 20W, SMA-  
Female

**PART No.:**  
TMPD16-07000900-20S



[www.titan-microwave.com](http://www.titan-microwave.com)



DIMENSIONS IN MILLIMETERS(mm)

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