

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2022/9/5	C. Chen

TECHNICAL DATA

Electrical Data

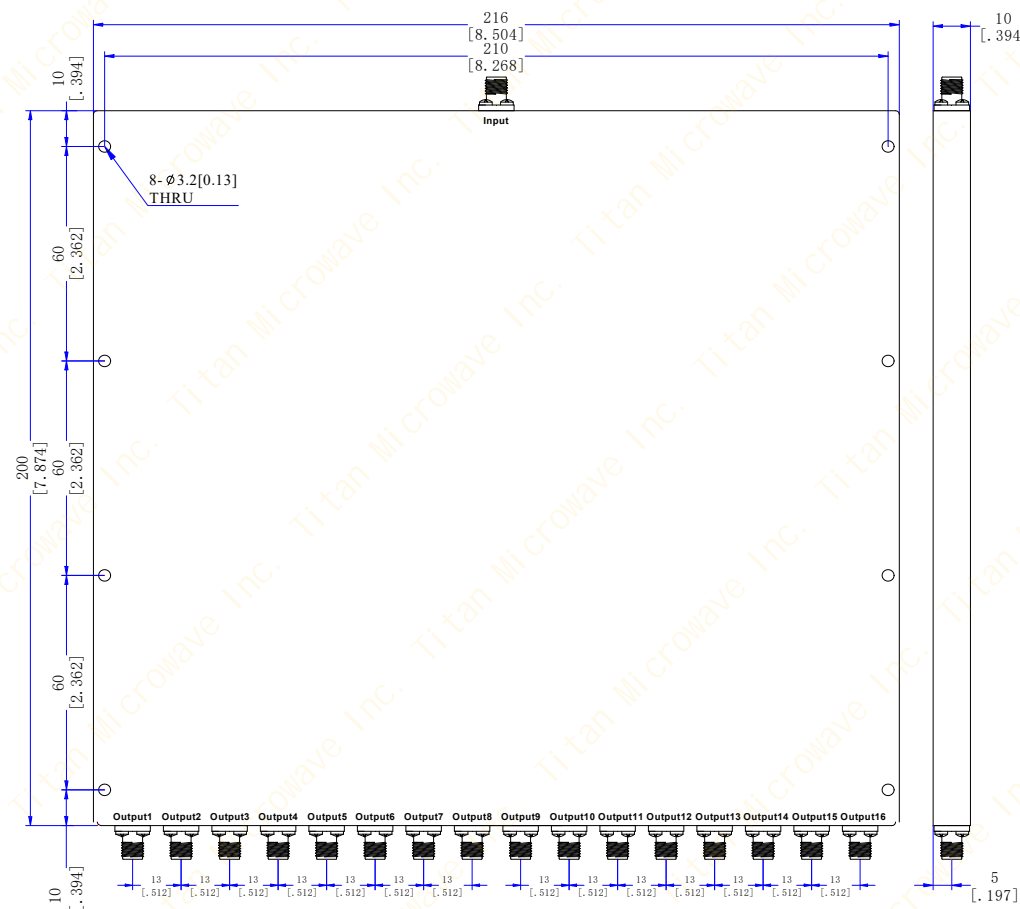
Frequency Range	500~10000MHz
Insertion Loss (excluding theoretical loss 12.0dB)	5.8dB max
Isolation	18dB min, 26dB typ
Input VSWR	1.80:1 max@500~700MHz 1.50:1 max@700~10000MHz
Output VSWR	1.18:1 typ, 1.25:1 max
Amplitude Balance	±0.5dB
Phase Balance	±8°
Forward Power	20W(as a splitter) 1W(as a combiner)
Impedance	50 Ohms

Mechanical Data

Dimensions	216×200×10mm
Input/Output Connectors	SMA-Female
Connectors Material	Stainless Steel
Surface Finish	Grey/Black/Blue Painted

Environmental Data

Operating Temperature	-45℃~+85℃
-----------------------	-----------



DRAWN: L. Ma 05/09/22		
ENGINEER: J. Zhu 05/09/22		
APPROVED: C. Chen 05/09/22		
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, 0.5-10GHz
20W, SMA-Female

PART No.:
TMPD16-00501000-20S



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

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

Notes:

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