

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

TECHNICAL DATA

Electrical Data

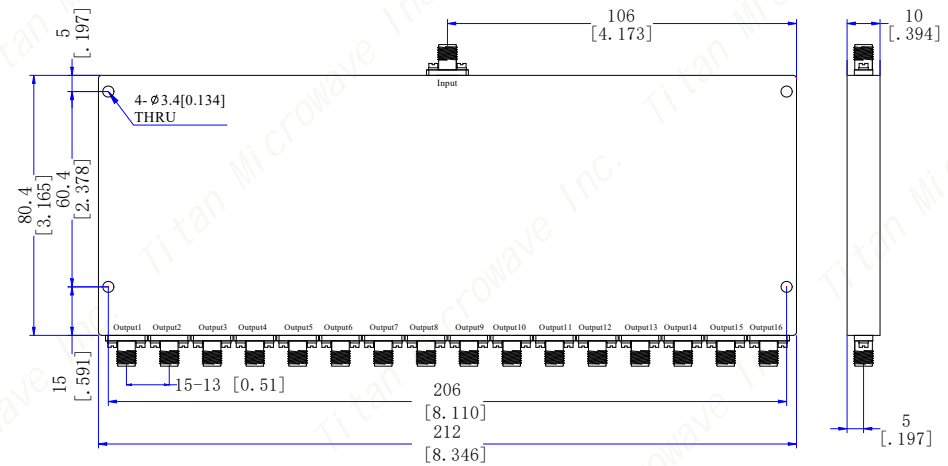
Frequency Range	8000~12000MHz
Insertion Loss	1.6dB max (excluding theoretical loss 12.0dB)
Isolation	18dB min, 24dB typ
Input VSWR	1.20:1 typ, 1.30 max
Output VSWR	1.18:1 typ, 1.30 max
Amplitude Balance	±0.4dB
Phase Balance	±5°
Power Rating	20W(as a splitter) 1W(as a combiner)
Impedance	50 Ohms

Mechanical Data

Dimensions	212×80×10mm
Input/Output Connectors	SSMA-Female
Surface Finish	Gray/Black/Blue Painted

Environmental Data

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



Notes:

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

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,
8-12GHz, 20W
SSMA-Female

PART No.:
TMPD16-08001200-20SS



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

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