

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

TECHNICAL DATA

► Electrical Data

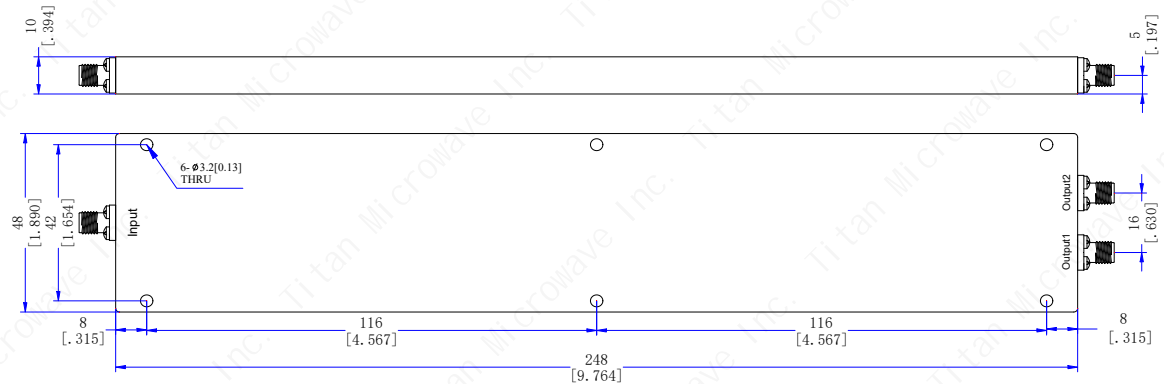
Frequency Range	10-3000MHz
Insertion Loss (excluding theoretical loss 3.0dB)	4.0dB max
Input Port VSWR	2.1:1 max@10~30MHz 1.8:1 max@30~80MHz 1.25:1 max@80~3000MHz
Output Port VSWR	1.8:1 max@10~30MHz 1.4:1 max@30~80MHz 1.2:1 max@80~3000MHz
Isolation	5dB min@10~30MHz 10dB min@30~48MHz 18dB min@48~3000MHz
Amplitude Balance	±0.3dB
Phase Balance	±3°
Impedance	50 Ohms
Power Rating	20W(as a splitter) 1W(as a combiner)

► Mechanical Data

Input/Output Connectors	SMA-Female
Dimensions	248×48×10mm
Surface Finish	Black Painted
Weight	350g

► Environmental Data

Operating Temperature	-45℃~+85℃
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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 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
2 Way, 10~3000MHz,
20W, SMA-Female

PART No.:

TMPD2-00010300-20S



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

SIZE:
A4

SCALE:

SHEET:
1/1

REV:
A