

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2022/6/15	C. Chen

TECHNICAL DATA

Electrical Data

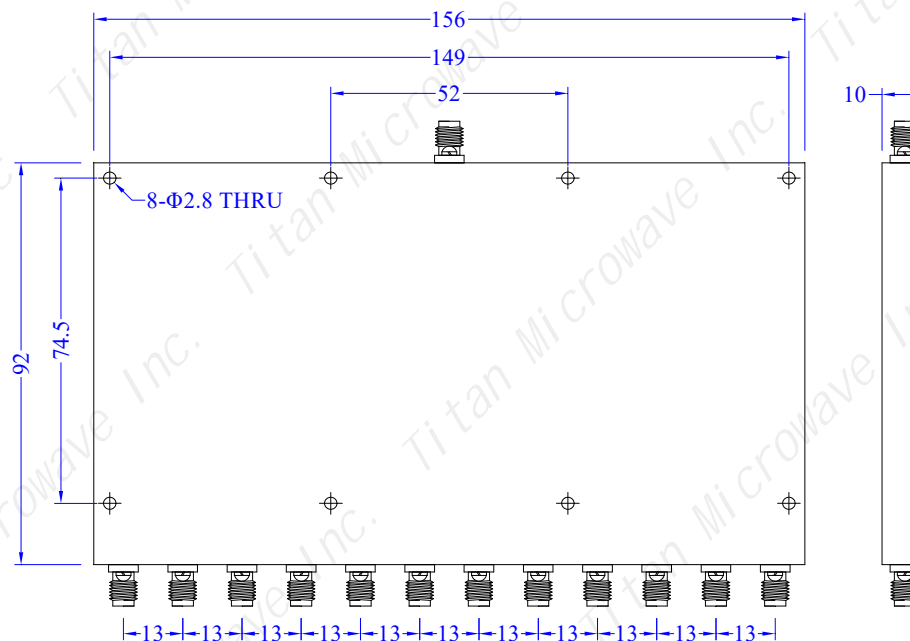
Frequency Range	4~10GHz
Insertion Loss (excluding theoretical insertion loss 10.8dB)	2.2dB max
Isolation	18dB min
Input VSWR	1.50 max
Output VSWR	1.50 max
Amplitude Balance	±0.5dB max
Phase Balance	±10°
Forward Power	20W
Reverse Power	1W
Impedance	50 Ohms

Mechanical Data

Dimensions	156×92×10mm
Input Connector	SMA-Female
Output Connectors	SMA-Female
Surface Finish	Grey/Black/Blue Painted

Environmental Data

Operating Temperature	-40℃~+80℃
Storage Temperature	-45℃~+85℃



Notes:

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

DRAWN: L. Ma 15/06/22		
ENGINEER: J. Zhu 15/06/22		
APPROVED: C. Chen 15/06/22		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

TITLE:
Power Divider, 12-Way,
4-10GHz, 20W, SMA-
Female

PART No.:
TMPD12-04001000-20S



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

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