

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

TECHNICAL DATA

► Electrical Data

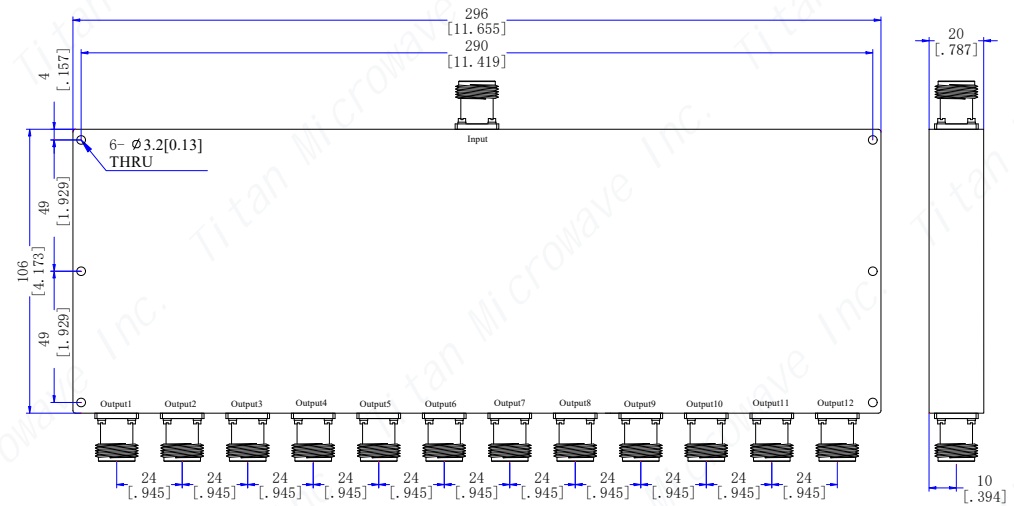
Frequency Range	500-1350MHz
Insertion Loss (excluding theoretical loss 10.8dB)	2.0dB max
Input Port VSWR	1.18 typ, 1.4 max
Output Port VSWR	1.12 typ, 1.3max
Isolation	18dB min, 26dB typ
Amplitude Balance	±0.8dB
Phase Balance	±8°
Impedance	50 Ohms
Power Rating	10W(as a splitter)
Power Rating	1W(as a combiner)

► Mechanical Data

Input Connector	N-Female
Output Connectors	N-Female
Dimensions	296×106×20mm
Surface Finish	Sandblasting natural color conductive oxidation


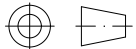
► Environmental Data

Operating Temperature	-30°C~+75°C
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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	TITLE: Power Divider, 12 Way, 0.5~1.35GHz, 10W, N- Female	 成都巨人微波 TITAN MICROWAVE INC. <i>- A Professional RF & Microwave Components Supplier -</i>		www.titan-microwave.com			
ENGINEER: J. Zhu 21/12/22							
APPROVED: C. Chen 21/12/22							
TOLERANCE UNLESS OTHERWISE SPECIFIED	PART No.: TMPD12-00500135-10N	 DIMENSIONS IN MILLIMETERS(mm)		SIZE: A4	SCALE:	SHEET: 1/1	REV: A
x ±0.50 [0.019"]							
.x ±0.20 [0.008"]							
.xx ±0.10 [0.004"]							
ANGLES ±1°							