

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2025/6/6	C. Chen

TECHNICAL DATA

► Electrical Data

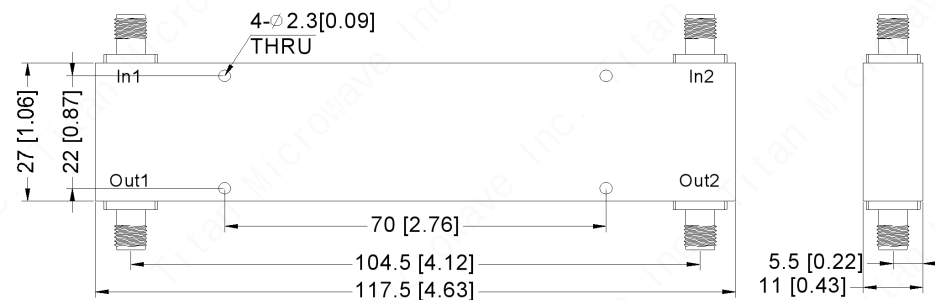
Frequency Range	500~4000MHz
Insertion Loss	1.2dB max
VSWR	1.45:1 max
Isolation	18dB min
Amplitude Balance	±0.8dB max
Phase Balance	±8°
Average Power	20W
Impedance	50 Ohms

► Mechanical Data

Dimensions	117.5×27×11mm
Connectors	SMA-Female
Surface Finish	Black/Gray 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 06/06/25			TITLE: 90° Hybrid Coupler, 500~4000MHZ, 20W SMA-Female	 成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier - www.titan-microwave.com				
ENGINEER: J. Zhu 06/06/25				 DIMENSIONS IN MILLIMETERS(mm)	SIZE: A4	SCALE:	SHEET: 1/1	REV: A
APPROVED: C. Chen 06/06/25								
TOLERANCE UNLESS OTHERWISE SPECIFIED								
x	±0.50	[0.019"]	PART No.: TMHC90-00500400-20S					
.x	±0.20	[0.008"]						
.xx	±0.10	[0.004"]						
ANGLES	±1°							