

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2025/1/3	C. Chen

TECHNICAL DATA

► Electrical Data

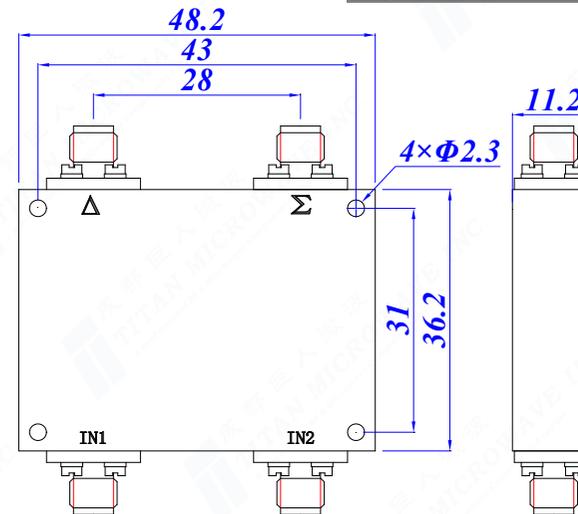
Frequency Range	6~18GHz
Insertion Loss	2.0dB max
VSWR	1.8:1 max
Isolation	15dB min
Amplitude Balance	±1.0dB max
Phase Balance	±12° max
Impedance	50 Ohms
Power Rating	50W(CW)

► Mechanical Data

Input/Output Connectors	SMA-Female
Dimensions	48.2×36.2×11.2mm
Surface Finish	Gray Painted

► Environmental Data

Operating Temperature	-55℃~+85℃
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DRAWN: L. Ma 3/1/25		
ENGINEER: J. Zhu 3/1/25		
APPROVED: C. Chen 3/1/25		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

TITLE:
180 Deg. Hybrid Coupler,
6~18GHz, 50W,
SMA-Female

PART No.:
TMHC180-06001800-50S

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DIMENSIONS IN MILLIMETERS(mm)

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

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