

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2025/3/24	C. Chen

TECHNICAL DATA

► Electrical Data

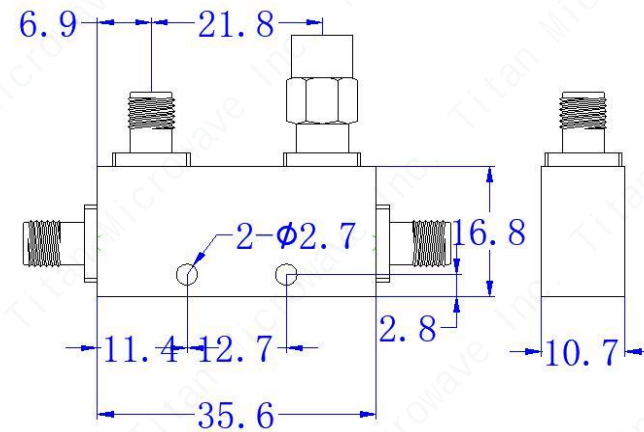
Frequency Range	6000~18000MHz
Nominal Coupling	10±1.0dB max
Insertion Loss	0.6dB max(excluding coupling loss)
Primary Line VSWR	1.5:1 max
Coupled Line VSWR	1.5:1 max
Directivity	12dB min
Impedance	50 Ohms
Power Rating	50W(CW)

► Mechanical Data

Input/Output Connectors	SMA-Female
Body Material	Aluminum
Surface Finish	Gray Painted
Dimensions	35.6×16.8×10.7mm

► Environmental Data

Operating Temperature	-55℃~+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 24/03/25
ENGINEER: J. Zhu 24/03/25
APPROVED: C. Chen 24/03/25
TOLERANCE UNLESS OTHERWISE SPECIFIED
x ±0.50 [0.019"]
.x ±0.20 [0.008"]
.xx ±0.10 [0.004"]
ANGLES ±1°

TITLE:
Single Directional Coupler,
6~18GHz
Coupling 10dB, 50W
SMA-Female

PART No.:
TMDC-06001800-10S50C

 成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier -			
www.titan-microwave.com			
 DIMENSIONS IN MILLIMETERS(mm)			
SIZE: A4	SCALE:	SHEET: 1/1	REV: A