

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2025/4/30	C. Chen

TECHNICAL DATA

► Electrical Data

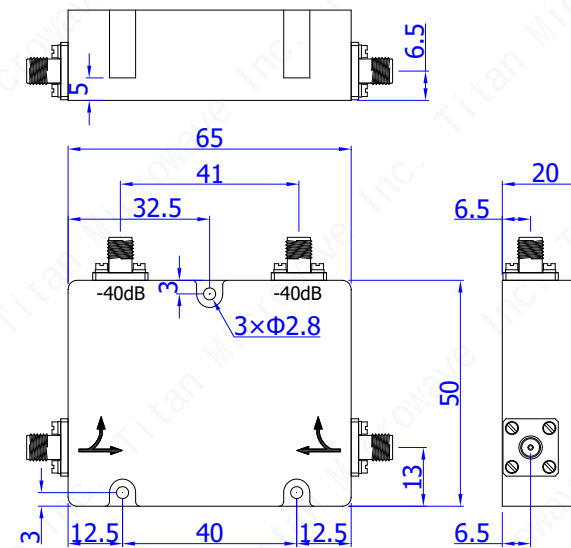
Frequency Range	300~4000MHz
Coupling	40±2dB max
Coupling Flatness	±2dB max
Insertion Loss	0.5dB max
Primary Line VSWR	1.25:1 max
Coupled Line VSWR	2.0:1 max
Directivity	20dB min
Impedance	50 Ohms
Primary Line Power	10W(CW)

► Mechanical Data

Primary Line Connectors	SMA-Female
Coupled Connectors	SMA-Female
Housing Material	Aluminum
Surface Finish	Conductive Oxidation
Dimensions	65×50×20mm

► Environmental Data

Operating Temperature	-40℃~+70℃
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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 30/04/25			TITLE: Dual Directional Coupler, 300~4000MHz, 40dB, 10W, SMA-Female		 成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier -			www.titan-microwave.com				
ENGINEER: J. Zhu 30/04/25												
APPROVED: C. Chen 30/04/25					PART No.: TDDC-00300400-40S10			 DIMENSIONS IN MILLIMETERS(mm)			SIZE: A4	SCALE:
TOLERANCE UNLESS OTHERWISE SPECIFIED												
x ±0.50 [0.019"] .x ±0.20 [0.008"] .xx ±0.10 [0.004"] ANGLES ±1°												