

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

TECHNICAL DATA

► Electrical Data

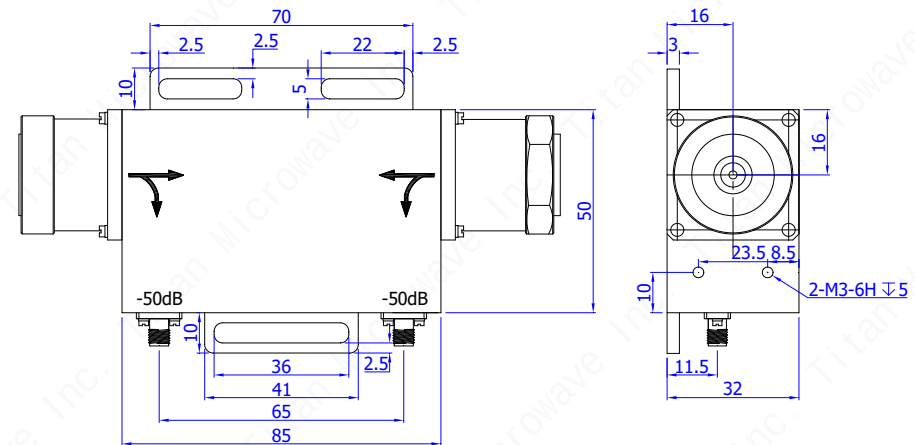
Frequency Range	100~400MHz
Coupling	50±1dB max
Coupling Flatness	±0.5dB
Insertion Loss	0.2dB max
Primary Line VSWR	1.15:1 max
Directivity	20dB min
Impedance	50 Ohms
Primary Line Power	2500W

► Mechanical Data

Primary Line Connectors	DIN 7/16(L29)-Male/Female
Coupled Connectors	SMA-Female
Housing Material	Aluminum
Surface Finish	Conductive Oxidation
Dimensions	85×50×32mm

► Environmental Data

Operating Temperature	-40℃~+70℃
-----------------------	-----------



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, 100~400MHZ, 50dB, 2500W, DIN 7/16(L29)-Male/Female & SMA-Female PART No.: TDDC-00100040-50DS2500		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					 DIMENSIONS IN MILLIMETERS(mm)		
APPROVED: C. Chen 30/04/25							
TOLERANCE UNLESS OTHERWISE SPECIFIED							
x	±0.50	[0.019"]	SIZE: A4 SCALE: SHEET: 1/1 REV: A				
.x	±0.20	[0.008"]					
.xx	±0.10	[0.004"]					
ANGLES	±1°						