

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

TECHNICAL DATA

► Electrical Data

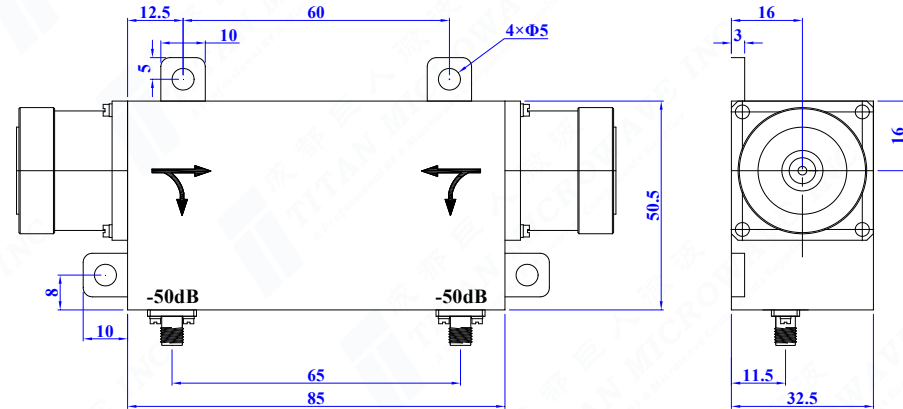
Frequency Range	1200~1400MHz
Coupling	50±0.5dB max
Insertion Loss	0.3dB max
Primary Line VSWR	1.3:1 max
Directivity	25dB min
Impedance	50 Ohms
Primary Line Power	1000W(CW)

► Mechanical Data

Primary Line Connectors	DIN 7/16(L29)-Female
Coupled Connectors	SMA-Female
Housing Material	Aluminum
Surface Finish	Conductive Oxidation
Dimensions	85×50.5×32.5mm

► Environmental Data

Operating Temperature	-40℃~+70℃
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Notes:

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

DRAWN: L. Ma 30/04/25		
ENGINEER: J. Zhu 30/04/25		
APPROVED: C. Chen 30/04/25		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

TITLE:
Dual Directional Coupler, 1200~1400MHz, 50dB, 1000W, DIN 7/16(L29)~Female & SMA-Female
PART No.:
TDDC-01200140-50DS1KW

 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