

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

TECHNICAL DATA

► Electrical Data

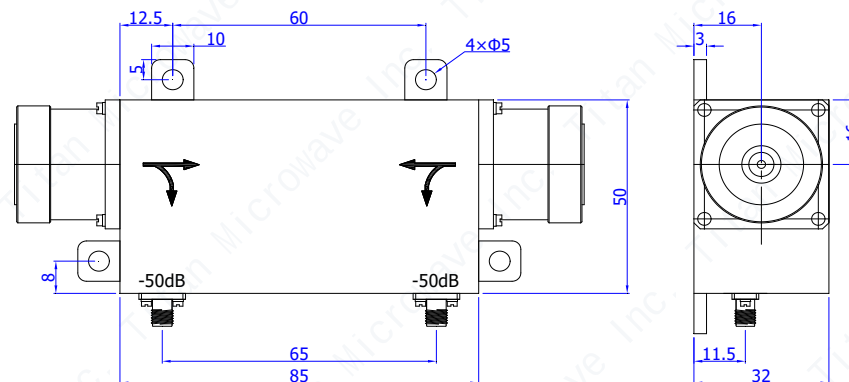
Frequency Range	350~700MHz
Coupling	50±1dB max
Insertion Loss	0.3dB max
Primary Line VSWR	1.3:1 max
Directivity	18dB min
Impedance	50 Ohms
Primary Line Power	8000W(Pulse Power, Pulse Width 20ms, Duty Cycle 40%)

► Mechanical Data

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

► 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, 350~700MHz, 50dB, 8000W(PW), DIN 7/16(L29)~Female & SMA- Female	 成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier -			
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"]	PART No.: TDDC-00350070-50DS8KW	www.titan-microwave.com			
.x	±0.20	[0.008"]					
.xx	±0.10	[0.004"]					
ANGLES	±1°			SIZE: A4 SCALE: SHEET: 1/1 REV: A			