

TECHNICAL DATA

► Electrical Data

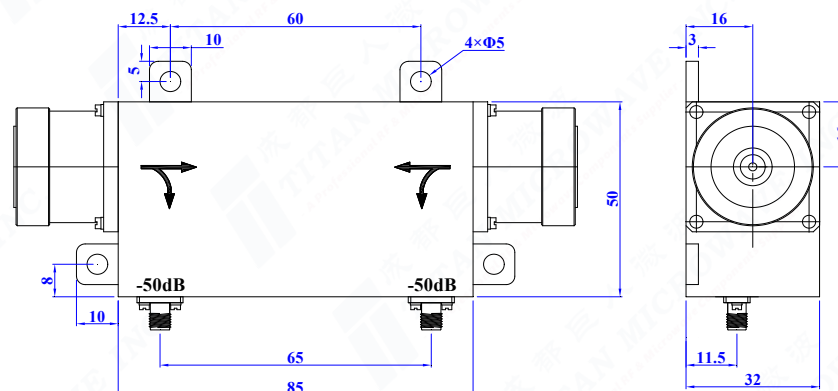
Frequency Range	2700~3500MHz
Coupling	50±1.5dB
Insertion Loss	0.35dB max
Primary Line VSWR	1.3:1 max
Directivity	16dB min
Impedance	50 Ohms
Primary Line Power	1500W(CW), 5000W(PK)

► 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 $-40^{\circ}\text{C} \sim +70^{\circ}\text{C}$



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,
2700~3500MHz, 50dB,
1500W, DIN 7/16(L29)-
Female & SMA-Female

PART No.:

TDDC-02700350-50DS1.5KW



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DIMENSIONS IN MILLIMETERS(mm)

SIZE:
A4

SCALE:

SHEET:
1/1

REV:	A
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