

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

TECHNICAL DATA

► Electrical Data

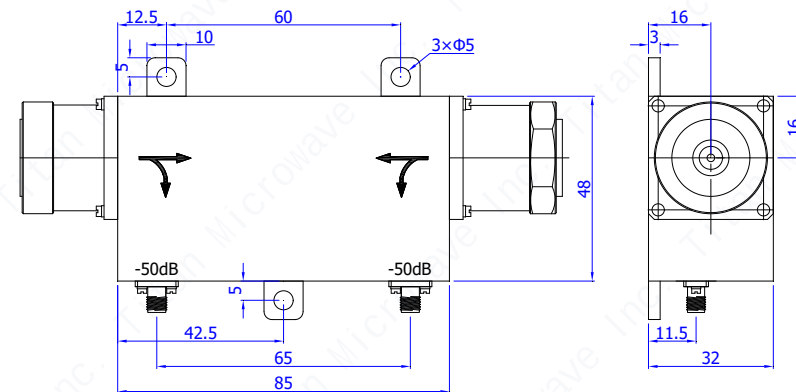
Frequency Range	80~1000MHz
Coupling	50±1dB max
Insertion Loss	0.3dB max
Primary Line VSWR	1.3:1 max
Directivity	18dB min
Impedance	50 Ohms
Primary Line Power	2000W max

► Mechanical Data

Primary Line Connectors	DIN 7/16(L29)-Male & Female
Coupled Connectors	SMA-Female
Housing Material	Aluminum
Surface Finish	Conductive Oxidation
Dimensions	85×48×32mm

► 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		
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,
80~1000MHz, 50dB, 2000W,
DIN 7/16(L29)-Male/Female
& SMA-Female

PART No.:

TDDC-00080100-50DS2KW



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DIMENSIONS IN MILLIMETERS(mm)

SIZE: A4	SCALE:	SHEET: 1/1	REV: A
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