

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2025/3/11	C. Chen

TECHNICAL DATA

► Electrical Data

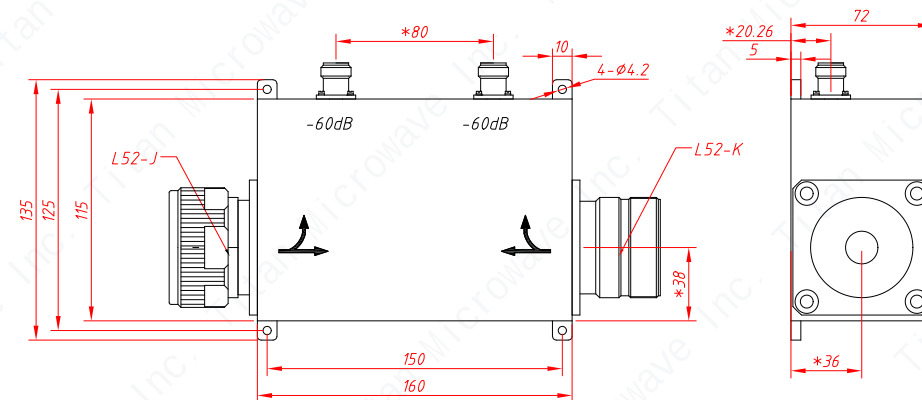
Frequency Range	300~500MHz
Coupling	60±0.5dB
Coupling Flatness	±0.3dB max
Insertion Loss	0.2dB max
Primary Line VSWR	1.1:1 max
Coupled Line VSWR	1.1:1 max
Directivity	22dB min
Impedance	50 Ohms
Primary Line Power	10KW(CW), 100KW(PW)

► Mechanical Data

Input/Output Connectors	L52-Male & L52-Female
Coupled Connector	N-Female
Surface Finish	Conductive Oxidation
Dimensions	160×115×72mm

► Environmental Data

Operating Temperature	-40℃~+55℃
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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 11/03/25			TITLE: Dual Directional Coupler, 300~500MHz, 60dB, 10KW L52-Male/Female & N-Female		成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier - www.titan-microwave.com					
ENGINEER: J. Zhu 11/03/25										
APPROVED: C. Chen 11/03/25										
TOLERANCE UNLESS OTHERWISE SPECIFIED										
x ±0.50 [0.019"]			PART No.: TDDC-00300050-60LN10KW		DIMENSIONS IN MILLIMETERS(mm)					
.x ±0.20 [0.008"]										
.xx ±0.10 [0.004"]										
ANGLES ±1°										
			SIZE:		SCALE:		SHEET:		REV:	
			A4				1/1		A	