

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

TECHNICAL DATA

► Electrical Data

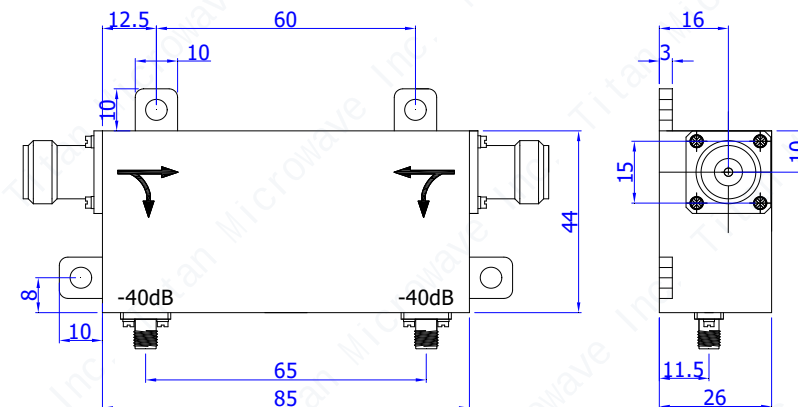
Frequency Range	400~800MHz
Coupling	40±1.0dB max
Insertion Loss	0.3dB max
Primary Line VSWR	1.3:1 max
Directivity	12dB min
Impedance	50 Ohms
Primary Line Power	800W(CW) max

► Mechanical Data

Primary Line Connectors	N-Female
Coupled Connectors	SMA-Female
Housing Material	Aluminum
Surface Finish	Conductive Oxidation
Dimensions	85×44×26mm

► Environmental Data

Operating Temperature	-40℃~+85℃
Storage Temperature	-55℃~+85℃



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	TITLE: Dual Directional Coupler, 400~800MHz, 40dB, 800W, N~Female & SMA-Female	 成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier - www.titan-microwave.com		
ENGINEER: J. Zhu 30/04/25				
APPROVED: C. Chen 30/04/25		 DIMENSIONS IN MILLIMETERS(mm)		
TOLERANCE UNLESS OTHERWISE SPECIFIED				
x ±0.50 [0.019"]	PART No.: TDDC-00400080-40NS800	SIZE: A4	SCALE:	SHEET: 1/1
.x ±0.20 [0.008"]				
.xx ±0.10 [0.004"]				
ANGLES ±1°				
				REV: A