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

TECHNICAL DATA

▶ Electrical Data

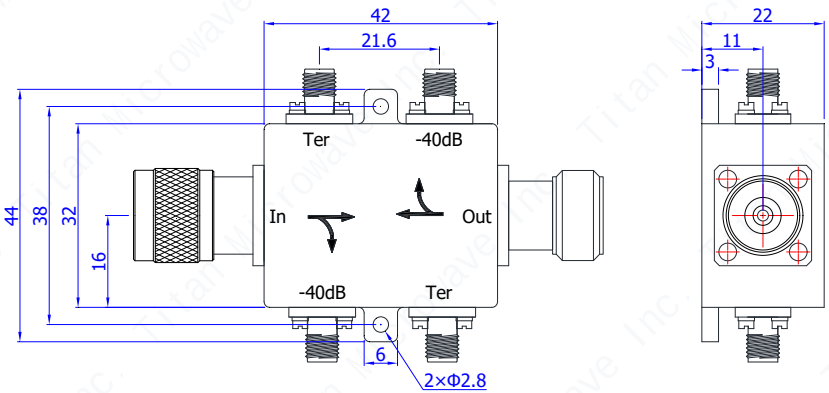
Frequency Range	6000~18000MHz
Coupling	40±1.0dB
Coupling Flatness	±1.0dB max
Insertion Loss	0.5dB max
Primary Line VSWR	1.4 max
Coupled Line VSWR	1.6 max
Directivity	12dB min
Impedance	50 Ohms
Power Rating	250W(CW)

▶ Mechanical Data

Input Connector	N-Male
Output Connector	N-Female
Coupled Connector	SMA-Female
Surface Finish	Conductive Oxidation
Dimensions	42×32×22mm

▶ Environmental Data

Operating Temperature	-40℃~+70℃



Notes:

1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
2. CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY

DRAWN: L. Ma 11/03/25

ENGINEER: J. Zhu 11/03/25

APPROVED: C. Chen 11/03/25

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, 6~18GHz, 40dB, 250W N-Male/Female & SMA-Female

PART No.:

TDDC-06001800-40NS250

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DIMENSIONS IN MILLIMETERS(mm)

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