

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2026/4/21	C. Chen

TECHNICAL DATA

► Electrical Data

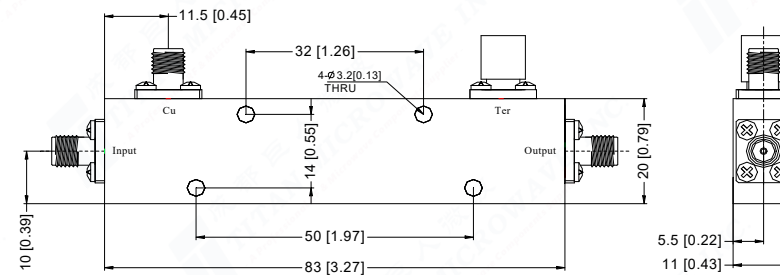
Frequency Range	1000~2000MHz
Insertion Loss	0.5dB max
Primary Line VSWR	1.18:1 typ, 1.25:1 max
Secondary Line VSWR	1.18:1 typ, 1.25:1 max
Coupling	20±1.0dB
Directivity	18dB min
Frequency Sensitivity	±0.9dB typ, ±1.0dB max
Average Power	30W
Impedance	50 Ohms

► Mechanical Data

Dimensions	83×20×11mm
Input/Output Connector	SMA-Female
Coupled Connector	SMA-Female
Surface Finish	Black/Grey Painted

► Environmental Data

Operating Temperature	-45℃~+85℃
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DRAWN: L. Ma 21/04/26		
ENGINEER: J. Zhu 21/04/26		
APPROVED: C. Chen 21/04/26		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

TITLE:
Single Directional Coupler,
1~2GHz, 20dB, 30W,
SMA-Female

PART No.:
TMDC-01000200-20S30

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  DIMENSIONS IN MILLIMETERS(mm)

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

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