

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2023/4/16	C. Chen

TECHNICAL DATA

Electrical Data

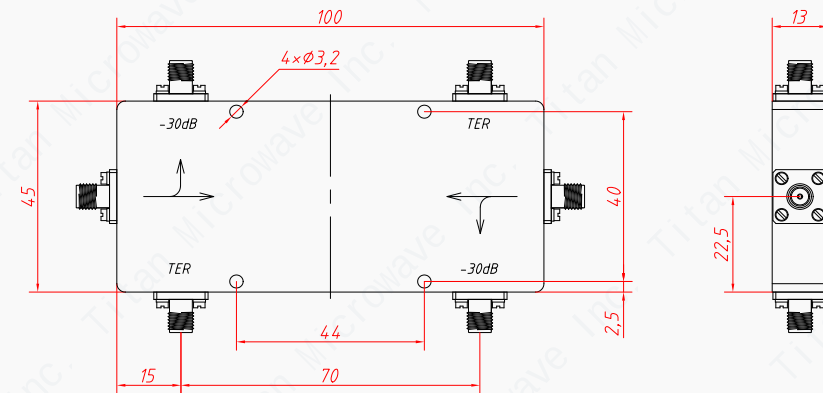
Frequency Range	1000~18000MHz
Insertion Loss	1.0dB max
Primary Line VSWR	1.4:1 max@1~8GHz, 1.6:1 max@8~18GHz
Coupled Line VSWR	1.5:1 max@1~8GHz, 1.7:1 max@8~18GHz
Nominal Coupling	30±1.5dB
Coupling Flatness	±1.3dB max
Directivity	12dB min@1~8GHz, 9dB min@8~18GHz
Power Rating	60W(CW)
Impedance	50 Ohms

Mechanical Data

Dimensions	100×45×13mm
Input/Output Connector	SMA-Female
Coupled Connector	SMA-Female
Surface Finish	Conductive Oxidation

Environmental Data

Operating Temperature	-55℃~+85℃
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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 16/04/23			TITLE: Dual Directional Coupler, 1~18GHz, 30dB, 60W, SMA-Female		 成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier - www.titan-microwave.com			
ENGINEER: J. Zhu 16/04/23								
APPROVED: C. Chen 16/04/23								
TOLERANCE UNLESS OTHERWISE SPECIFIED			PART No.: TDDC-01001800-30S60		 DIMENSIONS IN MILLIMETERS(mm)			
x ±0.50 [0.019"]								
.x ±0.20 [0.008"]								
.xx ±0.10 [0.004"]								
ANGLES ±1°					SIZE: A4	SCALE:	SHEET: 1/1	REV: A

x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	