

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2022/12/21	C. Chen

TECHNICAL DATA

► Electrical Data

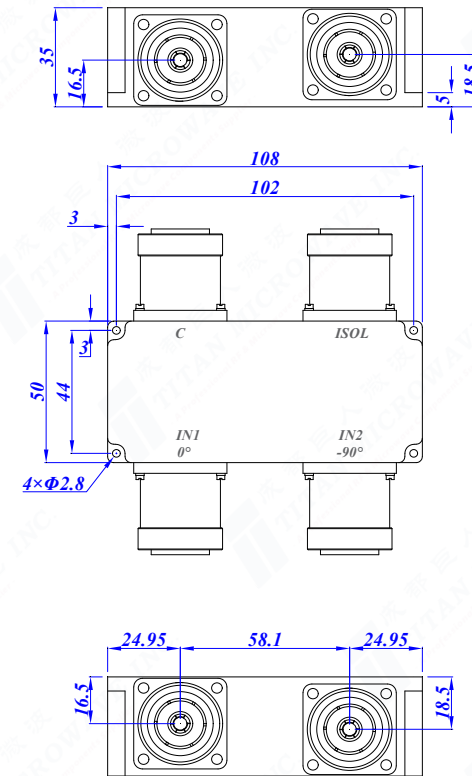
Frequency Range	1200~1590MHz
Insertion Loss(average)	0.3dB max
VSWR	1.2:1 max
Isolation	20dB min
Amplitude Balance	±0.2dB max
Phase Balance	±2°
Impedance	50 Ohms
Power Rating	1000W

► Mechanical Data

Input/Output Connectors	DIN 7/16(L29)-Female
Dimensions	108×50×35mm
Surface Finish	Natural Color Conductive Oxidation

► Environmental Data

Operating Temperature	-55℃~+70℃
-----------------------	-----------



Notes:

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

DRAWN: L. Ma 21/12/22		
ENGINEER: J. Zhu 21/12/22		
APPROVED: C. Chen 21/12/22		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

TITLE:

3dB 90° Hybrid Coupler,
1200~1590MHz, 1000W,
DIN 7/16(L29)-Female

PART No.:

TMHC90-01200159-1000D



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

SIZE:
A4

SCALE:

SHEET:
1/1

REV:
A