

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Dai	2022/7/11	C. Chen

## TECHNICAL DATA

### ► Electrical Data

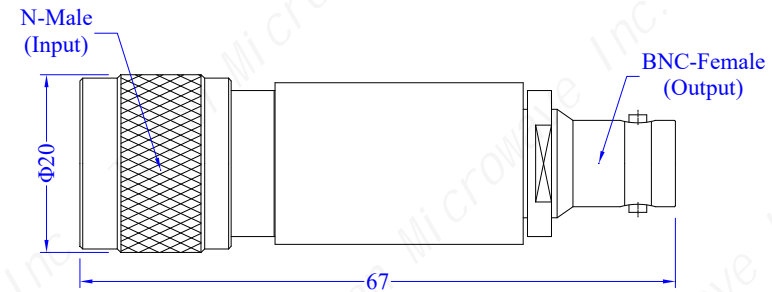
Frequency Range	0.01-4GHz
Low Level Sensitivity	≥0.5mV/μW
VSWR	≤1.2
Maximum Input Power	100mW(20dBm)
Maximum Flatness	±0.3dB
Impedance	50 Ohms

### ► Mechanical Data

Input Connector	N-Male
Output Connector	BNC-Female
Body	Nickel Plated Brass
Outer Conductor	Nickel Plated Brass
Inner Conductor(male)	Gold Plated Brass
Inner Conductor(female)	Gold plated beryllium copper

### ► Environmental Data


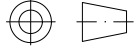
Operating Temperature	-20℃~+55℃
Storage Temperature	-45℃~+85℃



★ Negative output polarity standard. Add "P" to end of model number for positive output polarity.

#### Notes:

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

DRAWN: L. Ma 11/07/22	<b>TITLE:</b> Coaxial Detector, 0.01-4GHz, N-Male to BNC-Female, VSWR 1.2 max, Negative Polarity	 成都巨人微波 <b>TITAN MICROWAVE INC.</b> - A Professional RF & Microwave Components Supplier - <a href="http://www.titan-microwave.com">www.titan-microwave.com</a>			
ENGINEER: J. Zhu 11/07/22					
APPROVED: C. Chen 11/07/22		<b>PART No.:</b> TMDT-014-NMBF	 DIMENSIONS IN MILLIMETERS(mm)		
TOLERANCE UNLESS OTHERWISE SPECIFIED			<b>SIZE:</b> A4	<b>SCALE:</b>	<b>SHEET:</b> 1/1
x	±0.50	[0.019"]			
.x	±0.20	[0.008"]			
.xx	±0.10	[0.004"]			
ANGLES	±1°				