

SPDT Coaxial Switches

R12-NF12008-H , Coaxial Switches , SPDT , N , Failsafe , 12VDC , DC to 8 GHz , High Power, Solder Pin

Electrical Characteristics:

Parameter	Condition
Frequency range	DC-8 GHz
Impedance	50 Ω
Operation mode	Failsafe
Switch sequence	Break before make
Switching time	15 ms Max
Mechanical life	1 million min
Nominal operating voltage	12 VDC
Operating current at 23 °C	270 mA

RF Specifications:

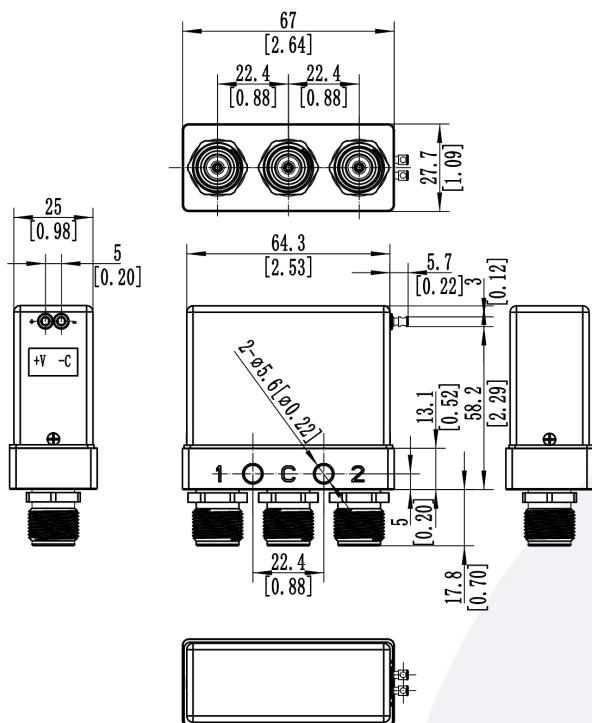
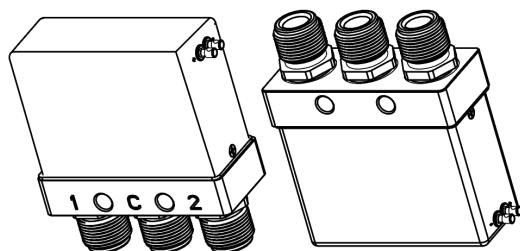
FREQUENCY RANGE(GHz)	DC-1	1-4	4-8
INSERTION LOSS (MAX) dB	0.3	0.4	0.4
ISOLATION (MIN) dB	80	70	60
V.S.W.R. (MAX)	1.25	1.3:1	1.4:1
Average Power	See power chart		

Envrionmental And Physical Characteristics:

Parameter	Condition
Operating temperature range	-25°C to +65°C(Standard) -55°C to +85°C(Optional)
Sine vibration(Operating)	20-2000Hz , 10g
Shocks(Non Operating)	50g / 11ms, ½ sine
RF Connector type	N Female
Control connector	Solder Pin
Weight	260g Max
Housing Color	Light Blue

Outline Drawing:

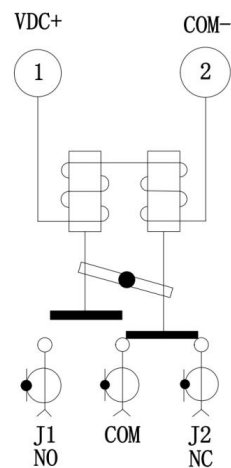
Unit: mm



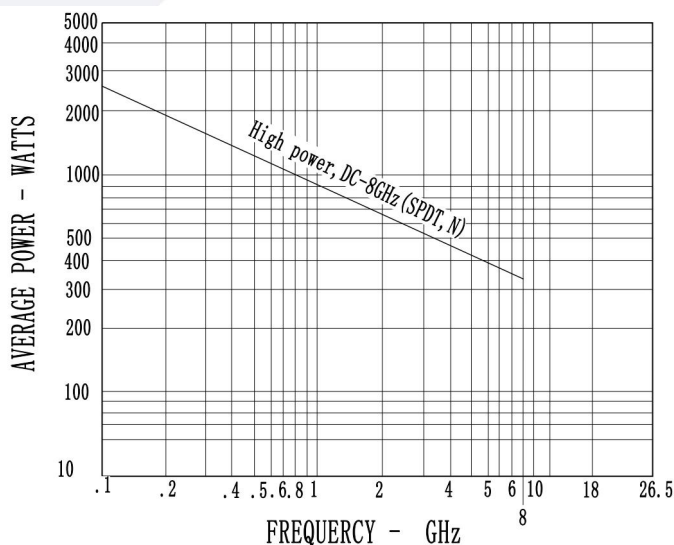
This graph is based on the following conditions:

- Ambient temperature: + 25 °C
- Sea level
- V.S.W.R.: 1 and cold switching

Schematic:

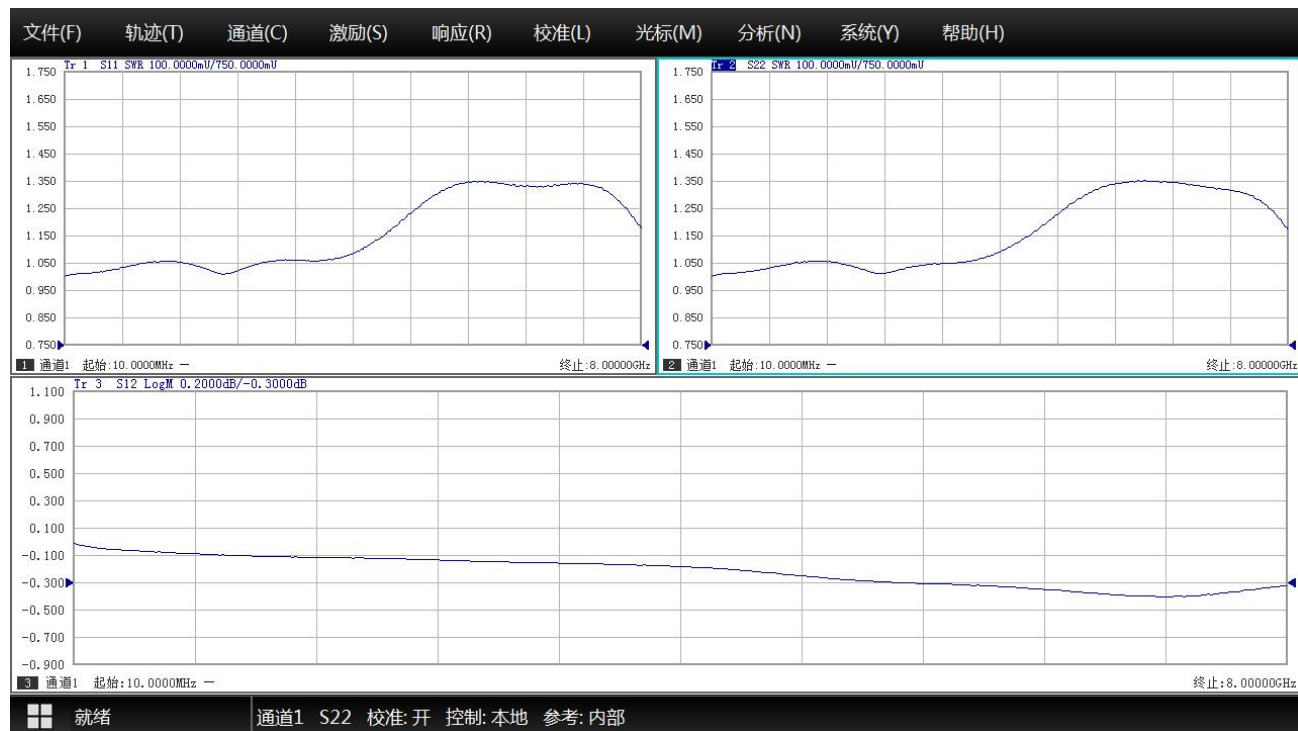


Average power:

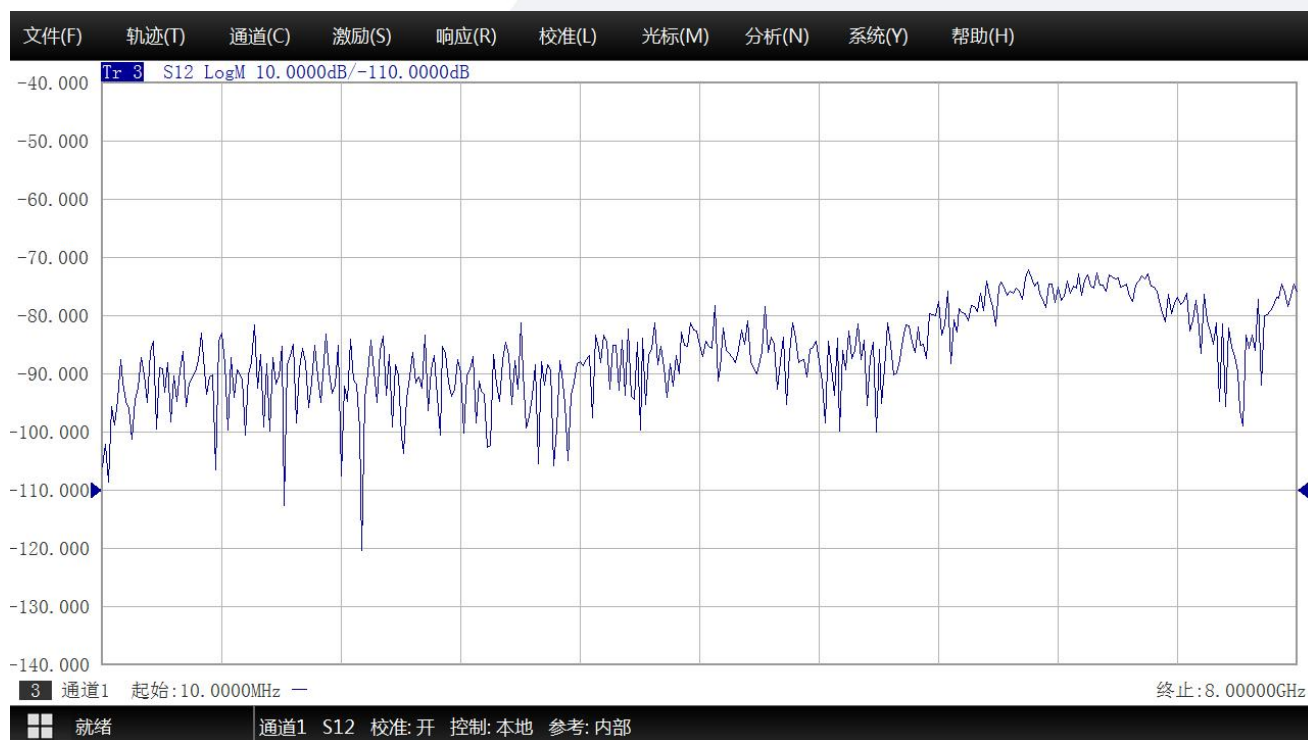
**Part Number:**

Part Number		可选项 Option
SPDT	Rated Voltage	
R12-NF12008-H	12VDC	-S R12-NF12008-HS (Note, S Option meet IP65)

Test Curve:



VSWR, Insertion Loss



Isolation