

### Mechanical Specifications

Connectors	Brass Nickel Plated
Female Pin	Beryllium Copper Gold Plated
Housing	Aluminum
Operating Tem.	-40° C ~ +85° C
Dimensions	55.6×35×63mm
Weight	150g

**RoHS Compliant: Yes**

### Electrical Specifications

Dimensions	Frequency (GHz)	VSWR (max)	Ins.Loss (dB)	Isolation (dB)	Operating Voltage (V)	Control Interface
NL801SW-04-105	DC-2	1.15	0.20	>90	28(DC)	TTL
	2-4	1.20	0.20	>80		
	4-6	1.30	0.30	>70		
	6-10.5	1.40	0.40	>60		

**Impedance:** 50Ω

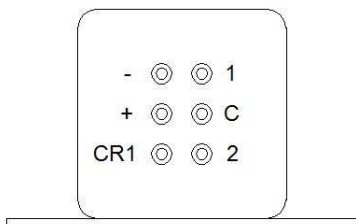
**Mechanical Life:** 10<sup>6</sup> cycles

**Switching Speed:** <20ms

**Connector Type:** SMA(F)

**Contact:** Break before make

**Actuator:** Failsafe  
**Actuator Voltage:** 24-28V  
**Actuator Current:** 240mA Max@28V  
**Power Handling:** 200W CW@1GHz  
**Random Vibration:** 6g's rms



Control Connector	Power		TTL	Indicator		
	+	-	CR1	1	Com	2
J1-J2,J3-J4	+28V	GND	0V	OFF	Connect	
J1-J3,J2-J4	+28V	GND	5V	Connect		OFF

**Notes:**

1. Dimensions Tolerance  $\pm 2\%$
2. This switch adapts to cold switching.