RF Switch(SP2T)

WEVERCOMM
wever communication co., ltd.

WV-SP2T-R-S-01

Product Feature

- High Reliability
- RoHS Compliant
- 2~ 6GHz Band System

Electrical Specifications

Switch Type	Reflective
Frequency Range	2 ~ 6GHz
TX-ANT Insertion Loss	1.5dB Max
ANT-RX Insertion Loss	1.7dB Max
Input/Output VSWR	2.0 : 1 Max
TX-RX Isolation	40dB Min
RX-TX Isolation	20dB Min
TX Port Max. Input Power	+45dBm CW Max; Peak +48dBm, Duty Cycle 50%
RX Port Max. Input Power	+27dBm CW Max
Switching Speed	3uS Max
Power Supply	+12V@ 400mA Max
Control Logic	TTL
In/Out Impedance	50 Ohms Nominal

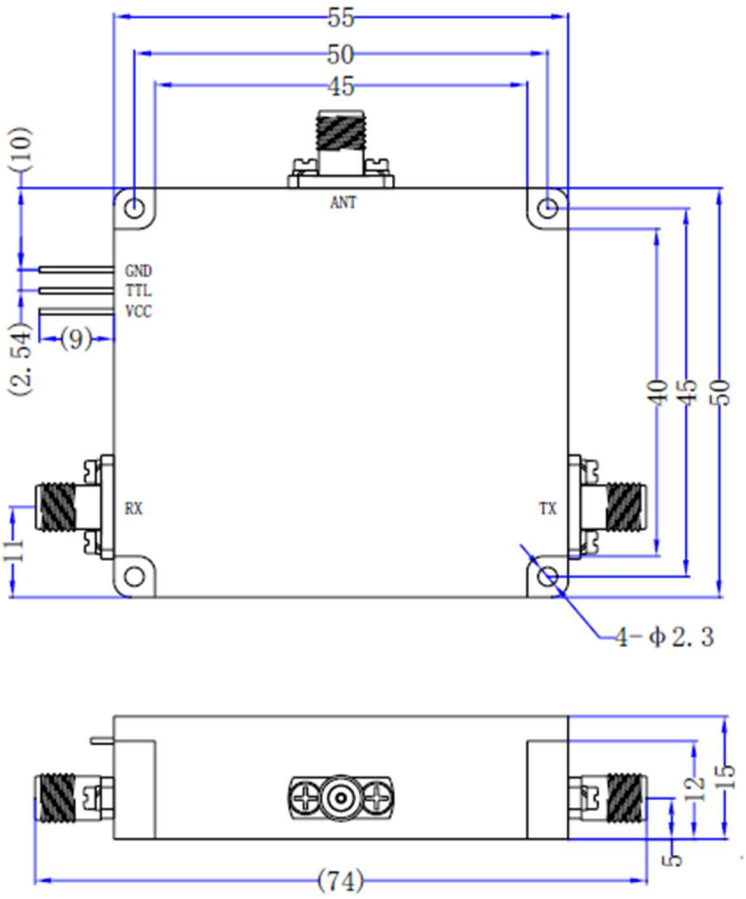
Environmental Specifications

Operating Temperature Range	-40°C to +70°C

TRUTH TABLE

TTL	ANT-PX	TX-ANT
0	ON	OFF
1	OFF	ON

Mechanical Specifications

Dimension	55.0 x 50.0 x 15.0 (Unit:mm)
Mounting Points	See Outline Drawing
RF Connector	SMA Female Connector
Connector Position	See Outline Drawing
Finish	Natural color conductive oxidizing

Outline Drawing