

RF Switch(SP2T)



WV-SP2T-R-S-02

Product Feature

- High Reliability
- RoHS Compliant
- 0.5~3GHz Band System

Electrical Specifications

Switch Type	Reflective
Frequency Range	0.5 ~ 3GHz
TX-ANT Insertion Loss	1.0dB Max
ANT-RX Insertion Loss	1.3dB Max
Input/Output VSWR	1.5 : 1 Max
TX-RX Isolation	40dB Min
RX-TX Isolation	20dB Min
TX Port Max. Input Power	+50dBm CW Max; Peak +53dBm, Duty Cycle 50%
RX Port Max. Input Power	+27dBm CW Max
Switching Speed	4uS 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
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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

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Outline Drawing

