

Satellite Switches

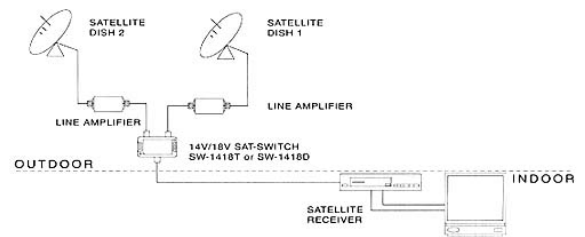
The **SW - 22D** and **SW-22T** is a RF selection switch which use in satellite receiving system. It can accept two signal from LNB of satellite dish then selecting the other one to pass via 22KHz of satellite receiver. The signal of satellite dish 1 is passed to satellite dish 2 is OFF, on normal conduction (22KHz OFF).

The **SW - 21D** is a RF signal selection switch which use in satellite receiving system. It can accept two signal from LNB of satellite dish then selecting the other one to pass via power OFF / ON of satellite receiver.

The **SW-1418D** and **SW-1418T** are RF selection switch use in satellite receiving system. It can accept two signal from LNB of satellite dish then selecting the other one to pass via 14V / 18V of satellite receiver. The signal of satellite dish 1 is passed to satellite receiver and signal of satellite dish 2 is OFF, when satellite receiver send out less than 14V of LNB power.

Feature:

- Wide Band, High Isolation.
- Built-in Short-Circuit Protection.
- Signal And DC Power, ON / OFF Together.
- May Combine as Multi-Switch to Use.
- Mini Size, Easy Install.
- Zinc Die-cast Hybrid Case.
- Gold Plated "F" Type Connector Pins.



Model	SW - 22T	SW - 22D	SW - 21D	SW - 1418T	SW - 1418D
Note	Power ON / OFF, Only	Signal & power ON / OFF together	Signal Power ON / OFF together	Power ON / OFF, Only	Signal & power ON / OFF together
RF Switch Type	NONE	RF PIN DIODE	RF PIN DIODE	NONE	RF PIN DIODE
Operating Voltage	DC 12V to 20V	DC 12V to 20V	DC 12V to 20V	DC 12V to 20V	DC 12V to 20V
Current Consumption	25mA (max.)	35mA (max.)	35mA (max.)	25mA (max.)	35mA (max.)
DC Drop Voltage	0.2V(300mA) , 0.4V(500mA)	0.2V(300mA) , 0.4V(500mA)	0.2V(300mA) , 0.4V(500mA)	0.2V(300mA) , 0.4V(500mA)	0.2V(300mA) , 0.4V(500mA)
Pass Current	600mA (max.)	600mA (max.)	600mA (max.)	600mA (max.)	600mA (max.)
Switching Request	22 KHz (square wave) , 0.2V (min.) , duty cycle 50%		POWER OFF / ON	A<13.2V >13.6V, B<14.4V >15.0V (*NOTE)	
Switching Frequency Range	10KHz-45KHz (square wave , 0.2V , duty cycle 50%)		Must Less Than 5 Seconds		
Pass Band	30 - 2300MHz	30 - 2400MHz	30 - 2400MHz	30 - 2300MHz	30 - 2400MHz
Frequency Range (MHz)	30-2300	30-2400	30-2400	30-2300	30-2400
Insertion Loss(dB max.)	7.0	5.2	5.2	7.0	5.2
Isolation (dB min.)	14	32	32	14	32
Net Weight	160g	160g	160g	160g	160g
Dimensions	23 x 75 x 59 (mm)	23 x 75 x 59 (mm)	23 x 75 x 59 (mm)	23 x 75 x 59 (mm)	23 x 75 x 59 (mm)