

RF SPEC.

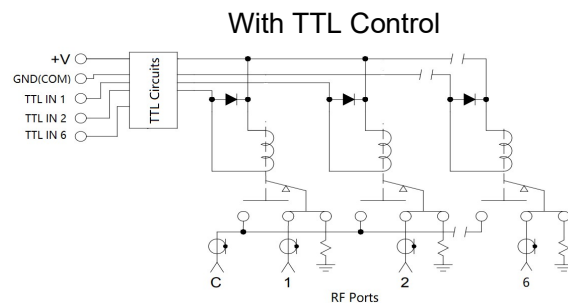
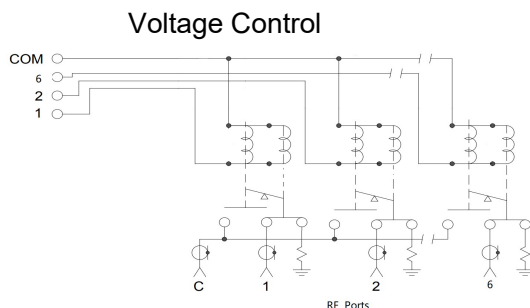
Frequency Range	Insertion Loss	VSWR	Isolation	Power Handling
DC-6GHZ	<0.30dB	<1.30	>70dB	30W
6-12.4GHZ	<0.40dB	<1.40	>65dB	20W
12.4-18GHZ	<0.50dB	<1.50	>60dB	15W
18-26.5GHZ	<0.70dB	<1.60	>55dB	10W
26.5-40GHZ	<0.90dB	<1.80	>50dB	5W
40-50GHZ	<1.20dB	<1.90	>50dB	3W
50-67GHZ	<1.60dB*	<2.00**	>50dB	2W

Internal Termination Power Handling 1W(CW)

*MAX <1.90dB **MAX <2.20

Characteristics	Outline Drawing (mm)
RF Impedance 50 ohm Voltage Control/Current: DC12V/285mA, DC24V/180mA Switching Time <20ms Operating Life >100,000 Operating Temperature -25 ~ +65°C RF Interface 1.85mm female Weight:	SP3T SP4T SP5T

Schematics



Part Number Selector

Series	RF Channels	Control Voltage	Frequency Range	Voltage Polarity	TTL Control	Control Interface	Option
1TW	3	1 2 DC12V 2 4 DC24V	5 3 DC-53GHZ 6 7 DC-67GHZ	N Negative P Positive	NO NO TTL T With TTL	DB9 DB9 male S Soldering Pin	V Anti Vibration W Splash

* NO COM Port Polar SPEC. For With TTL Control

1TW31253 (SP3T Normally Open Type With Termination/DC12V(COM Port is Negative)/DC-53GHZ/1.85mm female/DB9 male)

1TW62467R (SP6T Normally Open Type With Termination/DC24V(COM Port is Positive)/DC-67GHZ/1.85mm female/DB9 male)

1TW42467T (SP4T Normally Open Type With Termination/DC24V/DC-67GHZ/With TTL Control/1.85mm female/DB9 male)



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