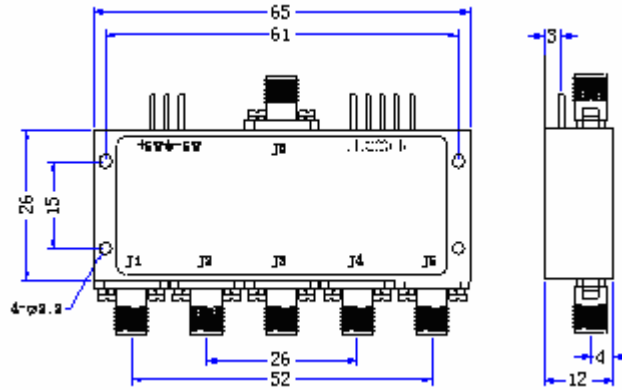


## Characteristics

**Wide Bandwidth**  
**Low Insertion**  
**High Isolation**  
**High Speed**  
**TTL Control**



Notes: Frequency range, insertion loss, isolation, power rating and connection type, control mode and outline can be customized. And different application condition can also be customized.

## Specifications

Part Number	Frequency Range (GHz)	Insertion Loss (dB) max	Isolation (dB) min	VSWR max	Switch Speed (ns) max	Power Rating cw (w)	Outline
LT-CK52110	0.5—1.0	1.2	60	1.4	50	0.5	
LT-CK52120	1.0—2.0	1.4	60	1.4	50	0.5	
LT-CK52130	2.0—4.0	1.6	60	1.6	50	0.5	
LT-CK52140	4.0—8.0	2.0	60	1.8	50	0.5	
LT-CK52150	8.0—12.0	2.4	60	1.8	50	0.5	
LT-CK52160	12.0—18.0	3.0	60	2.0	50	0.5	
LT-CK52170	2.0—8.0	2.2	60	1.8	50	0.5	
LT-CK52180	8.0—18.0	3.0	60	2.0	50	0.5	
LT-CK52190	2.0—18.0	3.2	60	2.0	50	0.5	

## Application Notes

1. Power supply: Input from +V lead to +5V, current can be no more than 140mA ;From -V lead to -5V, current can only be up to 50mA ;
2. Control mode: When TTL input from Ei(i=1,2,3,4,5) and TTL is "0", voltage is now 0-0.8V, Ji(i=1,2,3,4,5)is on ; When TTL is high as "1", voltage is 2-5.5V and Ji(i=1,2,3,4,5) is off.
3. Be sure if power supply is right connected and voltage can be no more than 20% of rated;

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