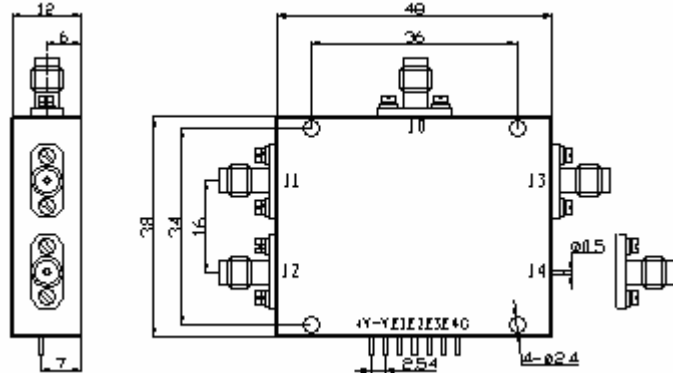


## Characteristics

**High Power**  
**Wide Bandwidth**  
**Low Insertion**  
**Low Consumption**  
**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 (us) max	Power Rating		Outline
						P(w)	Cw(w)	
LT-CK44110	0.01—1.0	0.8	30	1.4	2	1000	100	
LT-CK44120	1.0—2.0	0.8	30	1.5	2	1000	100	
LT-CK44130	2.0—4.0	0.9	30	1.6	2	1000	100	
LT-CK44140	4.0—8.0	1.5	30	1.7	2	800	80	
LT-CK44150	8.0—12.0	1.8	30	1.8	2	800	80	
LT-CK44160	12.0—18.0	2.4	30	2.0		500	50	

## Application Notes

1. Power supply: Input from +V lead to +5V, current can be no more than 120mA ;From -V lead to -5V, current can only be up to 10mA ;
2. Control mode: When TTL input from Ei(i=1,2,,3,4) and TTL is "0", voltage is now 0-0.8V, switch is off ; When TTL is high as "1", voltage is 2-5.5V and switch is on.
3. P is peak value of pulse; Pulse length can be no more than 100 u s; Interval ratio can be no more than 10%.
4. Be sure if power supply is right connected and voltage can be no more than 20% of rated;

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