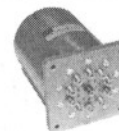


Type C Multi-Position Coaxial Switches (7 to 12 Position)



This RLC Electronics' Mid-Size, Extended Multi-Position Coaxial Switch line provides up to 12 positions with extremely high reliability, long life and outstanding electrical performance featuring extremely low insertion loss and VSWR over the entire DC-18GHz range, while maintaining high isolation.

Specifications

S-1-2-C-3-4-5-6

RF Positions	7	8	9	10	11	12
Switch Type:	SP-7T	SP-8T	SP-9T	SP-10T	SP-11T	SP-12T
Frequency Range:(GHz)	DC-18	DC-18	DC-18	DC-18	DC-18	DC-18
Insertion Loss (Max dB)						
DC-6 GHz	0.30	0.30	0.30	0.30	0.30	0.30
6.0-12.0 GHz	0.50	0.50	0.50	0.50	0.50	0.50
12.0-16.0 GHz	0.70	0.70	0.70	0.70	0.70	0.70
16.0-18.0 GHz	1.00	1.00	1.00	1.00	1.00	1.00
VSWR (Max)						
DC-6 GHz	1.40	1.40	1.40	1.40	1.40	1.40
6.0-12.0 GHz	1.50	1.50	1.50	1.50	1.50	1.50
12.0-16.0 GHz	1.70	1.70	1.70 <td 1.70	1.70	1.70	
16.0-18.0 GHz	1.80	1.80	1.80	1.80	1.80	1.80
Isolation (dB) (Min) DC-12 GHz	60	60	60	60	50	50
12-18 GHz	55	55	55	55	50	50

Power Rating, RF Cold Switching: See page 75.

Switching Time: 15 mS Max.

Impedance: 50 Ohms

Weight: 10oz.

Operating Power 25C(Failsafe): 12Vdc at 333 ma nom. 28Vdc at 150 ma nom

Environmental Conditions: MIL-S-3928

Connectors, RF: SMA Female

Operating Mode: Manual or failsafe

Connectors, Power: Solder Connections.

Switching Sequence: Break before make.

Life: 1,000,000 operations.

To designate the Switch desired use:

1: "M" for Manual, "R" for Remote.

3: "D" for 28 Vdc or "H" for 12 Vdc.

2: "7C", "8C", "9C", "10C", "11C" or "12C" throw operation

4: "I" for indicators if desired.

5: "TL" for TTL Driver if desired

Example: SR-10C-D-I is a remote, 10 position, 28 Vdc; with indicators, switch

Outline Drawing

