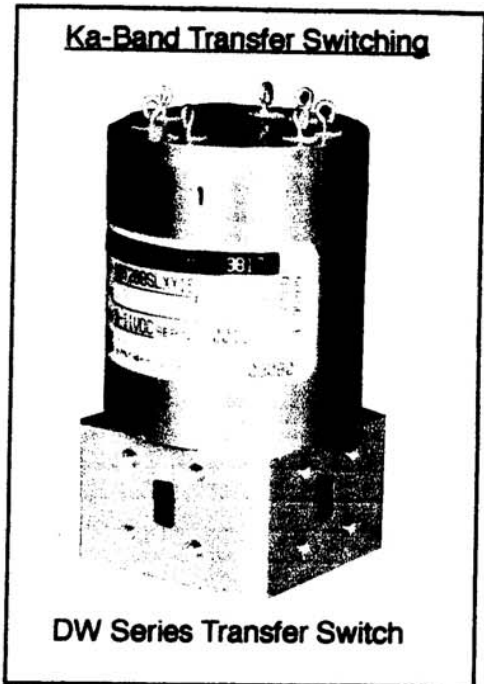




Microwave Corporation

Logus Microwave DW Series of Waveguide switches are the product of many years of designing and manufacturing RF switches in strict accordance with specifications and user requirements. Great detail was given to size, weight, and production costs when designing these High Reliability electro-mechanical switches. Superior RF and drive characteristics make these switches an excellent choice for stand-by amplifier switchover applications.

- Low Cost , high production designs.
- Solder Terminals or user specified control connectors
- Indoor or Outdoor Use
- Position Indicator circuits available
- Suppression and polarity diodes on all drive circuits, Standard



Operating Specifications

Operating Frequencies :

Wide-band Across Waveguide Sizes

Standard Voltages :

- 12 Volts DC
- 15 Volts DC
- 24 Volts DC
- 28 Volts DC

Control Options :

- TTL High
- TTL Low

Actuation Modes :

- L - Latching, (self De-energizing)
- P - Pulse Latching, (Min Pulse 30 mS)

Switching Time :

50 mS

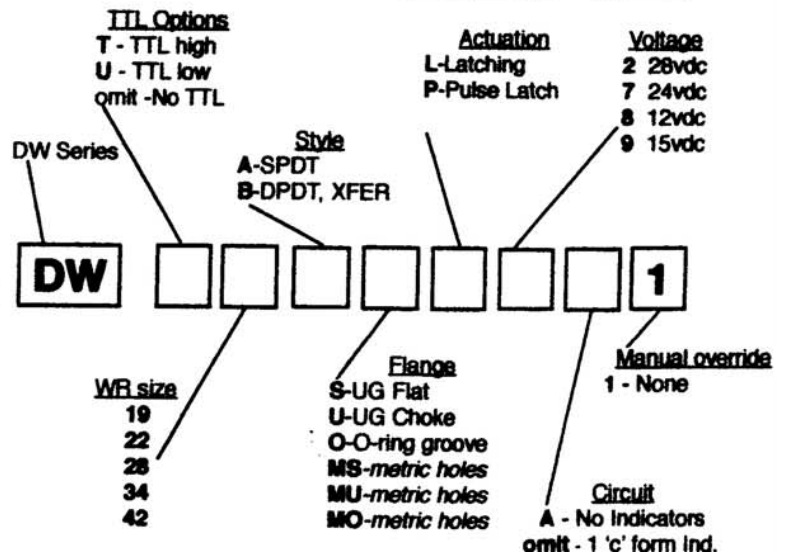
Operating Temperature :

-40°C to + 85°C

RF Characteristics

WR	Frequency GHz	VSWR (max)	Ins. Loss dB Max	Isolation dB Max
19	40 - 60 GHz	1.20:1	0.30	50
22	33 - 50 GHz	1.15:1	0.20	55
28	26.5 - 40 GHz	1.15:1	0.15	55
34	22 - 33 GHz	1.10:1	0.10	60
42	18 - 26.5 GHz	1.10:1	0.15	60

Model Numbers



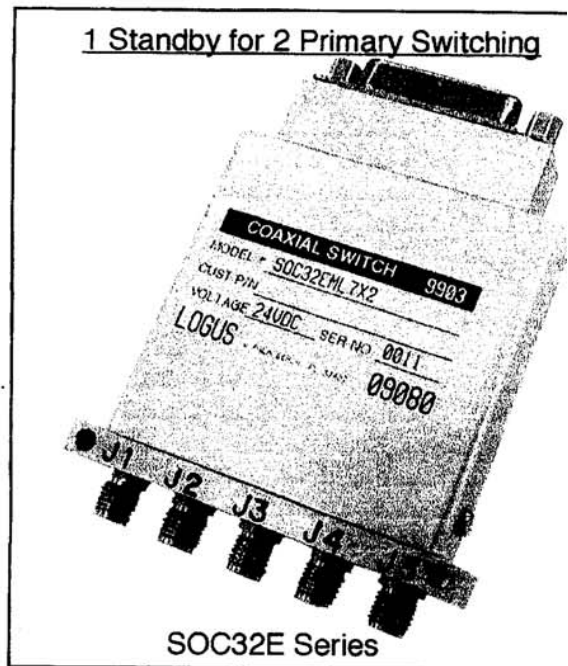
- WR size
- 19
- 22
- 28
- 34
- 42



Microwave Corporation

Logus Microwave Standby Switchover Series of coaxial switches. The Industries finest solution to SINGLE UNIT, 1:2 Redundant SWITCHING. Superior RF and drive characteristics make these switches an excellent choice for stand-by amplifier switchover applications.

- SMA
- Low Cost, high production designs.
- TTL or DC control
- Position Indicator circuits available
- Suppression and polarity diodes on all drive circuits
- Compact Design



SOC32E Series

RF Characteristics

Config. application	SMA @3 GHz	VSWR typ	Ins. Loss dB typ	Isolation dB typ
32	3 Inputs, 2 outputs	1.25:1	0.25	70

Operating Specifications

Operating Frequencies :

DC-8 GHZ

Standard Voltages :

- 12 Volts DC
- 15 Volts DC
- 24 Volts DC
- 28 Volts DC

Control Options :

- TTL High
- TTL Low

Actuation Modes :

- L - Latching, (self De-energizing)
- P - Pulse Latching, (Min Pulse 30 mS)

Switching Time :

15 mS Max.

Operating Temperature :

0°C to +70°C
Sheltered Environment

Model Numbers

