Waveguide Switch - MW Series - WR137

Frequency: 5.85 to 8.20 GHz
VSWR: 1.05:1 Max.
Insertion Loss: 0.02 dB Max.
Isolation: 70 dB Min.
Flange: See Flange Table
Voltage: See Voltage Table
Switching Time: 100 mS Max.
Material: Aluminium (RF Assy)
Finish: Iridite per MIL-DTL-5541
Paint Dull Black Enamel
Pressure: 30 PSIG (RF Head Only)
Drive: Patented Logus I Motor
Temp: Operating: -40 °C to +85 °C
Non-Operating: -55 °C to +100 °C
Humidity: 0 to 100%, Fully Weatherized

RoHS Available

For access to manual override, loosen (2) captive screws.

WEATHERIZED COVER (clear viewing window)
CONNECTOR MS3112E-10-6P OR EQUIVALENT
FOR ACCESS TO MANUAL OVERRIDE

Port 1
Port 2
Port 3
Port 4

Manual Override & Position Indicator

8x Flange Mounting Holes
10-32 UNF - 2B \( \varphi .25 \)
Typ All Ports
(metric threads available)

4x Mounting Holes
10-32 UNF - 2B \( \varphi .38 \)
(metric threads available)

Electrical Circuit Options

- No Indicators
- 1 Set Indicators
- 2 Sets Indicators
- 3 Sets Indicators
- 4 Sets Indicators

Inhibit Circuits

Drive Options

- Latching
- Pulse
- Failsafe
- TTL

Voltage Options

- 12 VDC
- 15 VDC
- 24 VDC
- 28 VDC
- 48 VDC
- 115 VAC
- 230 VAC

Flange Options

- CPR Flat
- CPR Groove
- CMR

RoHS Available

Latching, shown in Position 1
(See Schematic page for optional Electrical Circuits)