Waveguide Switch - WR159 Series

Frequency: 4.9 to 7.05 GHz
VSWR: 1.10:1 Max.
Insertion Loss: 0.02 dB Max.
Isolation: 70 dB Min.
Flange: See Flange Table
Voltage: See Voltage Table
Switching Time: 150 mS Max.
Material: Aluminum (RF Assy)
Finish: Iridite per MIL-C-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

2.000 TYP
2.700 TYP

MOUNTING HOLES
10-32 UNF - 2B ∅ .31
(metric threads available)

Port 1, Port 2, Port 3, Port 4

PORT 1
MS3112E-10-6P OR EQUIVALENT

PORT 4
WEATHERIZED COVER
(clear viewing window available)

PORT 2
CONNECTOR

PORT 3
MANUAL OVERRIDE & POSITION INDICATOR

FOR ACCESS TO MANUAL OVERRIDE
LOOSEN (2) CAPTIVE SCREWS

4.9 to 7.05 GHz
1.10:1 Max.
0.02 dB Max.
70 dB Min.
See Flange Table
See Voltage Table
150 mS Max.
Aluminum (RF Assy)
Iridite per MIL-C-5541
Paint Dull Black Enamel
30 PSIG (RF Head Only)
Patented Logus I Motor
-40°C to +85°C
-55°C to +100°C
0 to 100%, Fully Weatherized
RoHS Available

VOLTAGE OPTIONS
12 VDC
15 VDC
24 VDC
28 VDC
48 VDC
115 VAC
230 VAC

FLANGE OPTIONS
CPR-F
CPR-G

DRIVE OPTIONS
LATCHING
PULSE LATCHING
FAILSAFE
TTL

LOGUS I MOTOR
Arc Suppression

R.F. PATHS

LATCHING, SHOWN IN POSITION 1
(Other circuits available)