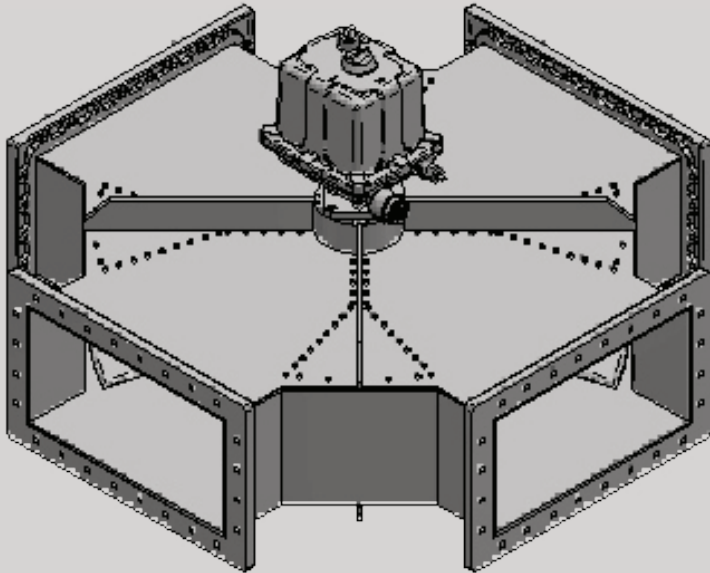
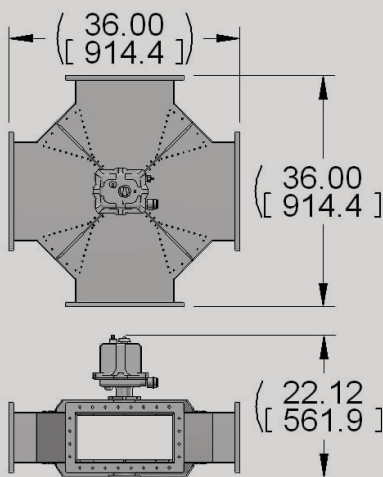




Key Features:

- High power UHF applications
- Low insertion loss
- Low VSWR
- Motor drive switching
- Indoor applications
- Emergency manual operation
- Mechanical switch position indicator
- High isolation
- H-plane switch



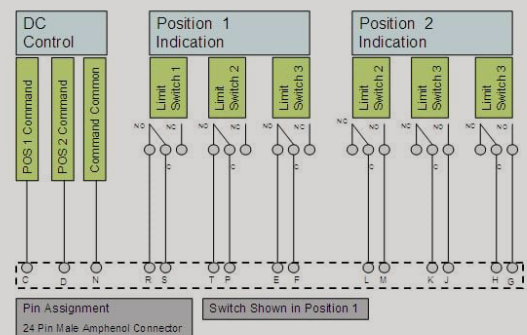
Notes

- 1) For more than 5,000FT (1,524M), please consult the factory.
- 2) WR switches must not be exposed to condensing moisture environments.
- 3) 104°F (+40°C) ambient temperature, sea level, 0 PSIG, VSWR=1.0
- 4) Limit switches are used for readout and position indication

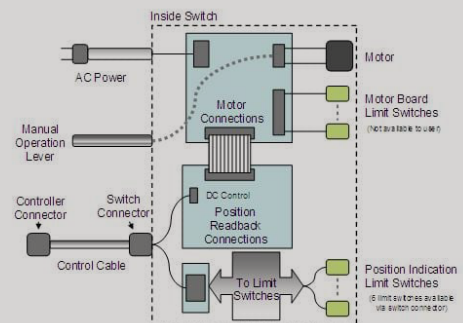
Company LOGO

STANDARD WAVEGUIDE (WR) 4 PORT MOTORIZED SWITCH WR 1500

4 PORT WR1500 MOTORIZED PIN ASSIGNMENT DIAGRAM



4 PORT WR1500 MOTORIZED SWITCH ELECTRICAL BLOCK DIAGRAM



Trusted for Decades. Ready for Tomorrow.

PARAMETER	SPEC	
Model Number	B50014-33	B50014-34
Input/Output Connectors	WR 1500	WR 1500
Impendacne	50 ohms	50 ohms
Peak Power at Sea Level	86 MW	86 MW
Frequency Range	$494 \leq F \leq 680$ MHz	$494 \leq F \leq 680$ MHz
Max. Altitude	10,000 feet (3,050m)	10,000 feet (3,050m)
Ambient Temperature	59°F (15°C) to 104°F (40°C)	59°F (15°C) to 104°F (40°C)
Storage Temperature	32°F (0°C) to 122°F (50°C)	32°F (0°C) to 122°F (50°C)
Storage/ Ambient Humidity	0-98% non condensing	0-98% non condensing
Average Power		
650 MHz	≤ 300 kW	≤ 300 kW
Insertion Loss	≤ 0.02 dB	≤ 0.02 dB
VSWR	≤ 1.03	≤ 1.03
Isolation	>70 dB	>70 dB
Switching Time	6 sec.	6 sec.
Electrical Data		
Motor Operating Voltage	115 V AC 50/60 Hz	230 V AC 50/60 Hz
Motor Operating Current	1.25 Amps-start 0.6 Amps-run	0.93 Amps-start 0.5 Amps-run
Control Voltage	12/24 V DC 115/230 V AC	12/24 V DC 115/230 V AC
Limit Switch Rating		
Voltage	227 V AC 28 V DC	120 V AC 28 V DC
Current	113 HP / 10 AMPS	113 HP / 10 AMPS
Weight	197 lbs (89 kg)	197 lbs (89 kg)

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