

## Description

Mi-Wave's 535 Series waveguide switches consists of a waveguide switch selection similar to the 530 switch and a rotary motor encased in a machined housing. These switches are used in application that require remote-controlled or timed transmission line switching. They are particularly useful in operational systems and test setups where they supply variety of switching combinations.

## Notes

Do not exceed 5.5 Volts on TTL control

S/N: 04K015 14K01U

## Electrical Specifications

	Minimal	Typical	Maximum
Frequency	40 GHz		60 GHz
Insertion Loss		0.3 dB	
VSWR			1.15
Isolation	60	70	
Power Handling		100 Watts CW	
Bias Voltage		12-15 Volts	
Bias Current		150 mA	
Control Signal		TTL	
Switching speed	0.2 sec External	0.5 sec Manual	
Life Span		over 1 Million cycle	
Test Equipment		Anritsu MS4647B VNA	
Testing Temperature		25°C	
Operation Temperature	-25°C		+ 65°C

## Physical Specifications

RF Ports	WR-19 Waveguide
Flange Type	UG-383/U-M Flange
Material	Brass
Finish	Gold Plated
Weight	2 lbs



Tested by: Lokesh Saggam

Date: 2023-09-14