

## 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: NA

## Electrical Specifications

	Minimal	Typical	Maximum
Frequency	140 GHz		220 GHz
Insertion Loss		1.3 dB	
VSWR		1.25:1	
Isolation		60 dB	
Bias Voltage		12-15 Volts	
Bias Current		150 mA	
Bias Current		150 mA	
Control Signal		TTL	
Switching speed	0.2 sec External	0.5 sec Manual	
Life Span			
Test Equipment (VNA)		Anritsu MS4647B	
Testing Temperature		25°C	
Operation Temperature	-25°C		+ 65°C

## Physical Specifications

RF Ports	WR-5 Waveguide
Flange Type	UG-387/U-M Flange
Material	Brass
Finish	Gold Plated



Tested by: Lokesh Saggam

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