

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: F3K01N

Electrical Specifications

	Minimal	Typical	Maximum
Frequency	60 GHz		90 GHz
Insertion Loss		0.4 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	
Anritsu Test Equipment ID		MS4647B VNA	
Testing Temperature		25°C	
Operation Temperature	-25°C		+ 65°C

Physical Specifications

RF Ports	WR-12 Waveguide
Flange Type	UG-387/U Flange
Material	Brass
Finish	Gold Plated



Tested by: Lokesh Saggam

Date: 2023-09-14

