

V Band Waveguide Transfer Switch **NEW**

► Overview

Waveguide switch is the component to transfer the millimeter wave waveguide route. We developed V band waveguide transfer switch based on long experience of millimeter wave and motor technique.

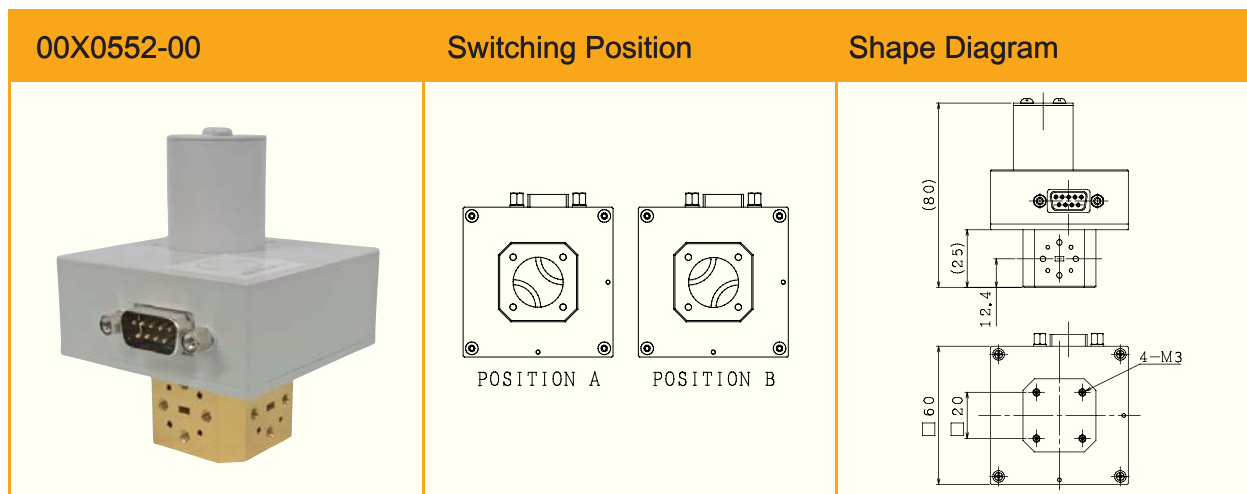
► Features

- high cost performance
- Light weight and compact design leads to easy installation
- Easy control because of only drive voltage
- Long life

► Applications

Wireless HD, Developing and inspection tool of WiGig, and automotive onboard radar system.

► Sample product



► Products Specification

◆ Electrical

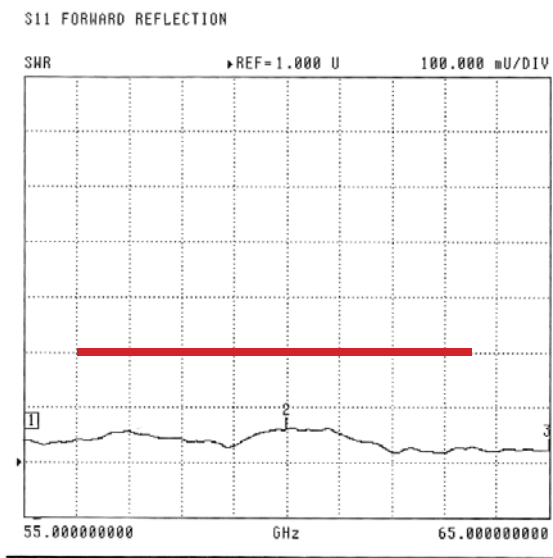
Requirement	Specification
Frequency	55 ~ 65 GHz
V.S.W.R.	1.2 max
Insertion Loss	0.6dB max
Isolation	50dB
Rated Voltage	DC 12V
Rated electric current	2A

◆ Mechanical

Requirement	Specification
Flange	UG-385/U equivalent
Waveguide	WR-15
Control	D-SUB9P(Plug)
Transfer speed	100msec or less
Life	1million or more
Temperature	5°C ~ 40°C

▶ Data (Reference)

◆ V.S.W.R.



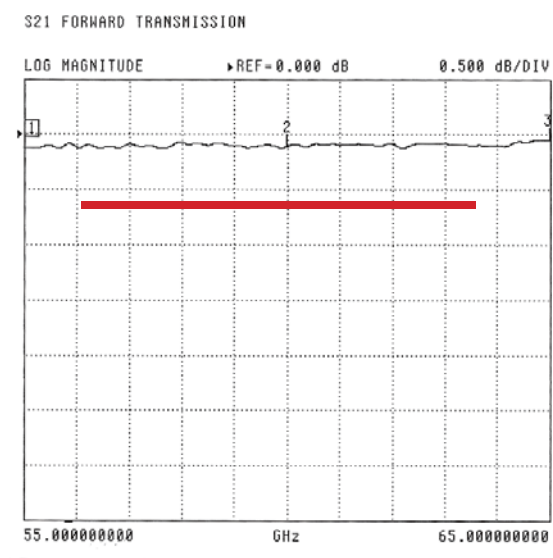
Standard 1.20max

MK1:55GHz

MK2:60GHz

MK3:65GHz

◆ Insertion Loss



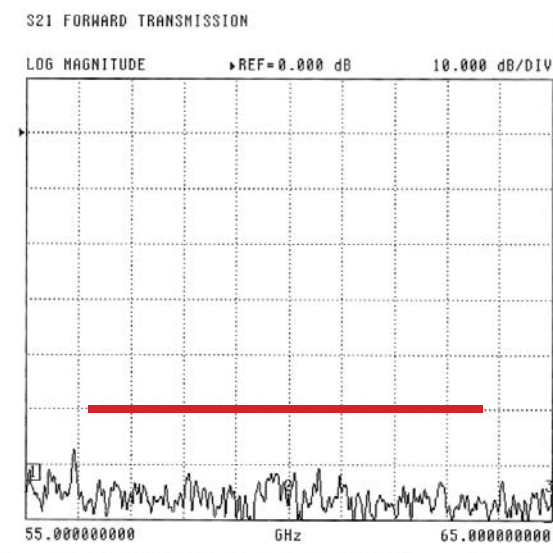
Standard 0.6dB max

MK1:55GHz

MK2:60GHz

MK3:65GHz

◆ Isolation



Standard 50dB or more

MK1:55GHz

MK2:60GHz

MK3:65GHz