

FSM-0-X-1-Y-2

1-SPYT, DC~50GHz

Features:

- * Low Insertion Loss
- * High Isolation

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test
- * Radar

Description

This switch matrix consists of one independent SPYT coaxial switches, SPYT can achieve 1 input and Y output (Y input and 1 output).

Electrical

Frequency: DC~50GHz
 Voltage: +80~270V AC
 Impedance: 50Ω

Frequency range (GHz)	Insertion Loss (dB)	VSWR	Isolation (dB)	RF Connectors
DC-18	0.5	1.5	60	SMA
DC-26.5	0.6	1.6	55	SMA
DC-40	0.9	1.9	50	2.92mm
DC-50	1.2	2.2	50	2.4mm

Mechanical

Size*1: 259x180x63mm
 10.197*7.087*2.48in

RF Connectors: SMA Female/2.92mm
 Female/2.4mm Female

Power Supply Connectors: Three-phase plugs

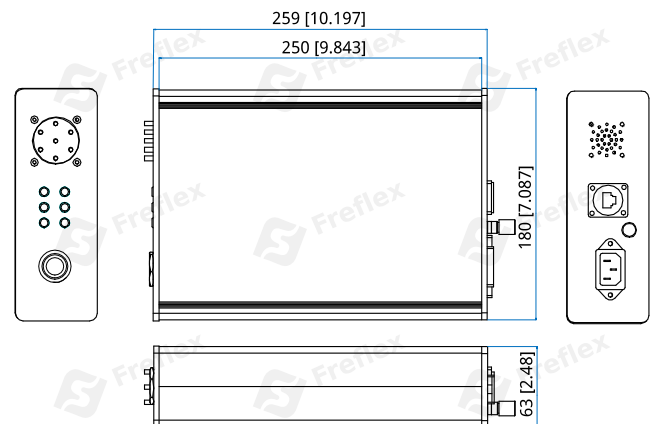
Control Interface: LAN

Indicator Lights: On the front panel

[1] Exclude connectors.

Environmental

Operating Temperature: -25~+65°C

Outline Drawings


Unit: mm [in]
 Tolerance: ±0.5mm [±0.02in]

How To Order
FSM-0-X-1-Y-2

X: Stop frequency (MHz):

- 18000 - 18GHz
- 26500 - 26.5GHz
- 40000 - 40GHz
- 50000 - 50GHz

Y: Switch Type

Switch Type Naming Rules:

- 3 - SP3T
- 4 - SP4T
- 5 - SP5T
- 6 - SP6T

Examples:

To order a Switch Matrix, DC~18GHz, SP6T, SMA Female, specify FSM-0-18000-1-6-2.

Customization is available upon request.

Typical Performance Curves

DC~26.5GHz:

