

FMS6T

DC~16GHz, SP3T~SP6T

Features:

- * Low VSWR
- * Low Insertion Loss
- * High Isolation

Applications:

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

Electrical

Frequency:		DC~16GHz			
Impedance:		50Ω			
Frequency range (GHz)	Insertion Loss (dB)	Isolation (dB)		VSWR	
DC~6	0.4	70		1.4	
6~12.4	0.6	60		1.6	
12.4~16	0.8	50		1.8	
Voltage (V)		+12	+18	+24	+28
Current (mA) Normally Open		140	100	70	60

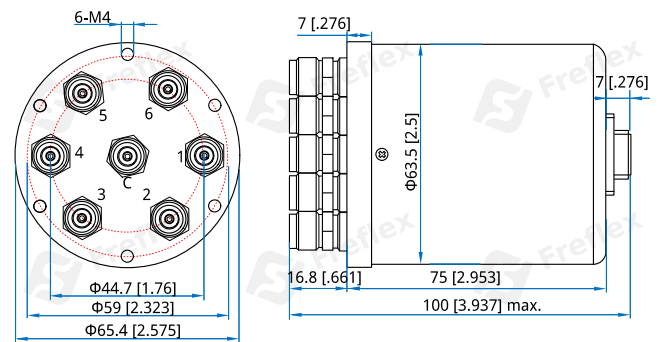
Mechanical

Switching Sequence:	Break before Make
Switching Time:	15mS max.
Operation Life:	1M Cycles
Vibration (operating):	20-2000Hz, 10G RMS
Mechanical Shock (non-operating):	50G, 1/2Sine, 11mS
RF Connectors:	TNC Female
Relative Humidity:	5 to 85%
Power Supply & Control Interface Connectors:	Feed Through/Terminal Post or D-Sub 15

Environmental

Temperature:	-25~+65°C
Extended Temperature:	-55~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

Additional Options

TTL: T
Indicators: I
Extended Temperature: Z
Positive Common
Waterproof Sealing Type

How To Order

FMSVT-F-WXYZ

V: 3~6 (SP3T~SP6T)

F: Frequency in GHz

W: Actuator Type. Normally Open: 3.

X: Voltage. +12V: E, +18V: H, +24V: K, +28V: M.

Y: Power Interface.Pin: 0, D-Sub: 1

Z: Additional Options.

Examples:

To order a SP4T switch, DC-16GHz, Normally Open, +12V, D-Sub, TTL, Indicators, specify FMS4T-16-3E1TI.

Customization is available upon request.

Pin Numbering

Normally Open

Pin	Function	Pin	Function
1~6	V1~V6	14	Indicator (Com)
7	COM	15	VDC
8~13	Indicator (1~6)		

Normally Open & TTL

Pin	Function	Pin	Function
1~6	A1~A6	14	Indicator (Com)
7	COM	15	VDC
8~13	Indicator (1~6)		

Port

SP3T	1, 3, 5	SP5T	1~5
SP4T	1~2, 4~5	SP6T	1~6

Driving Schematic Diagram

