

Coaxial Switch

FPMS6S

DC~26.5GHz, SP3T~SP6T

Features:

- Low Insertion Loss
- Low VSWR
- High Isolation

Applications:

- Wireless
- Transmitter
- Laboratory Test
- Radar

Electrical

Frequency: DC~26.5GHz

Impedance: 50Ω

Frequency Range (GHz)	Insertion Loss (dB)	Isolation (dB)	VSWR
DC-6	0.3	70	1.3
6-12	0.4	60	1.4
12-18	0.5	60	1.5
18-26.5	0.6	55	1.6

Voltage¹ (V)	+12	+24	+28
Current (mA) Normally Open	300	150	140

[1] The voltage can be selected according to user requirements.

Mechanical

Size²: 41*41*46.5mm
1.614*1.614*1.831in

Switching Sequence: Break before Make

Switching Time: 15ms max.

Operation Life: 2M Cycles

Mechanical Shock

(non-operating): 30G, 1/2sine, 11ms

Vibration (operating): 20-2000Hz, 10G RMS

RF Connectors: SMA Female

Power Supply & Control

Interface Connectors: D-Sub 15

Mounting: 4-Φ4.1mm through-hole

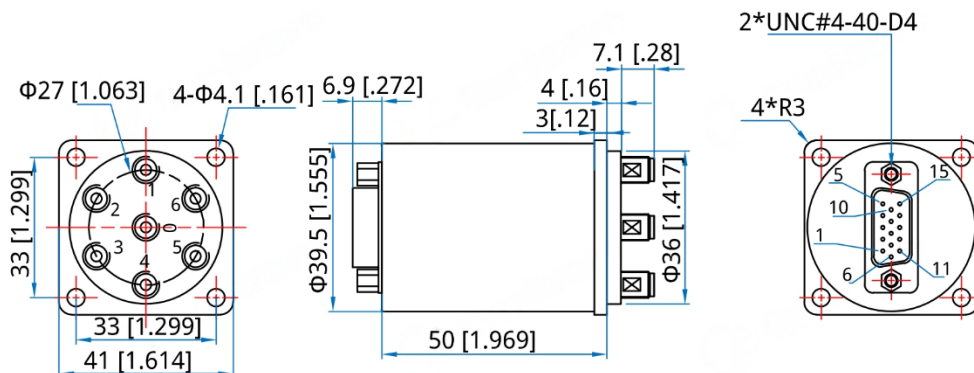
[2] Exclude connectors.

Environmental

Operating Temperature -25~+65°C

Non-operating Temperature: -45~+85°C

Construction



Note(s)

Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

Pin Numbering

Normally Open

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

Normally Open & TTL

Pin	Function	Pin	Function
1-6	A1-A6	9-14	Indicator (1-6)
7	VDC	15	Indicator (Com)
8	COM		

Port

SP3T	1, 3, 5	SP5T	1-5
SP4T	2-3, 5-6	SP6T	1-6

Driving Schematic Diagram

