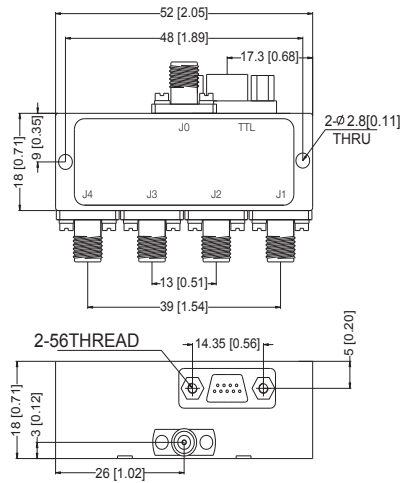


Absorptive 2-18 GHz Coaxial SP4T Switch



Parameters	Min.	Typ.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Units
Frequency Range		2~6		6~12			12~18			GHz
Insertion Loss		1.5	2.0		2.2	2.8		3.0	3.5	dB
Insertion Loss Temperature Coefficient		0.003			0.003			0.003		dB/°C
Isolation	70	75		70	75		60	65		dB
Input VSWR		1.5	1.8		1.5	1.8		1.6	1.8	: 1
Output VSWR		1.5	1.8		1.5	1.8		1.6	1.8	: 1
RF Input power			30			30			30	dBm
DC Power Dissipation (CW)		1			1			1		W
0.1dB Compression Point (P0.1dB)		30			30			30		dBm
IIP3		55			55			55		dBm
Switching Speed	100									ns
Weight	1.41									ounces
Impedance	50									Ω
Bias Current (+5V / -5V)	160/50									mA
Input / Output Connectors	SMA-Female									
Interface and Control Connector	MICRO -D9(Female)									
Finishing	Gold Plating									
Material	Aluminum									
Sealing	Hermetically Sealed (optional)									

Absolute Maximum Ratings

Biasing	+5V ±10%/-5V ±10%
TTL Control Voltage	0~0.8V/2~5V
Operating Temperature	-45 ~ +85°C
Storage Temperature	-55 ~ +125°C

Environmental Specifications

Operational Temperature	-45°C~+85°C
Storage Temperature	-55°C~+125°C
Altitude	30,000 ft. (Epoxy Sealed Controlled environment)
	60,000 ft. 1.0psi min (Hermetically Sealed Un - controlled environment) (Optional)
Vibration	25g RMS (15 degrees 2KHz) endurance, 1 hour per axis
Humidity	100% RH at 35c, 95%RH at 40°C
Shock	20G for 11msec half sine wave, 3 axis both directions