

SP4T Reflective Switch Modules

2959 Series

- Broadband Frequency Ranges
- Hermetic Package
- Stripline Compatible
- Compact Size

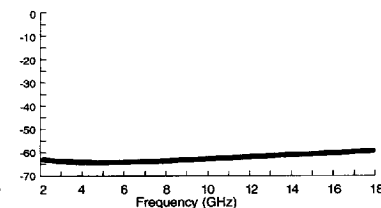
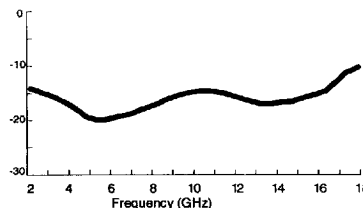
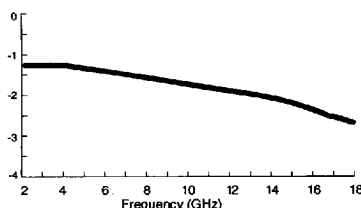
M/A-COM's switch modules cover multi-octave bandwidths from UHF to Ku-band. M/A-COM's expertise in semiconductor technology and design techniques results in devices having unique advantages that allow them to satisfy a variety of microwave system requirements.

Optional screening can be performed in accordance with the following sequence:

Mechanical Outline (Top View)



Typical Performance Data 2959-1004



Specifications Subject to Change Without Notice

M/A-COM Inc. ■ 1011 Pawtucket Boulevard, Lowell, MA 01853 USA

Telephone: 800-366-2266

[查询"2959-1001"供应商](#)

Typical Specifications 25°C

With Internal Bias Circuitry

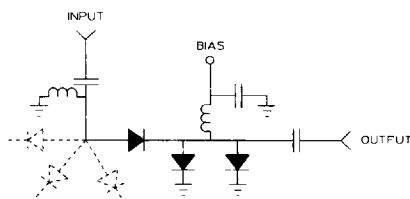
Frequency Range (GHz)	Insertion Loss (dB)	VSWR	Isolation (dB)	Switching Speed (nS)	Power Handling (W)	Part Number
0.5-2.0	1.2	1.5:1	40	20	0.5	2959-1001
2.0-8.0	1.8	1.8:1	50	20	0.5	2959-1002
6.0-18.0	2.7	2.0:1	40	20	0.5	2959-1003
2.0-18.0	2.9	2.0:1	40	20	0.5	2959-1004

Notes:

1. Bias: -30mA for specified loss
+30mA/Arm for specified isolation
2. Switching speed is measured from 10%-90% and 90%-10% of the detected RF with a 2 MHz maximum switching rate.
3. Switching speed is measured with a standard M/A-COM driver.
4. Operating power is 100 mW maximum.

Typical Schematic

With Internal Bias Circuitry
Part Number 2959-1004



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