



RF-LAMBDA

The power beyond expectations

RFSPSTA0001GK

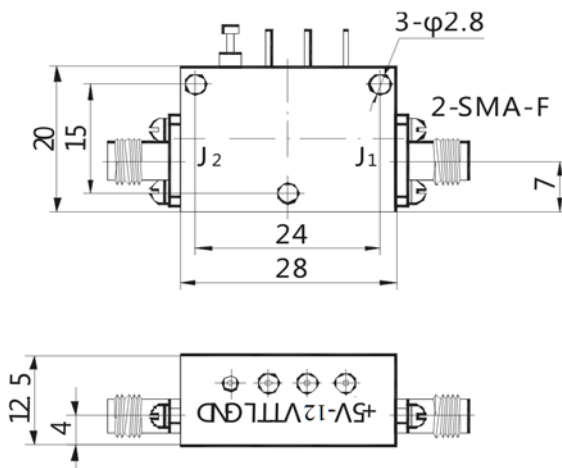
Absorptive 0.02-1.0GHz Coaxial SPST



Features

- Wide Band Operation 0.02-1.0GHz
- High Power Handle Capability up to 1W upon request.
- TTL compatible driver include
- Fast Switching Speed
- Low Insertion Loss and High Isolation
- Temperature Range -40°C~+85°C
- Customization available upon request

Absorptive SPST- Single Pole Single Throw						
Part Number	Frequency (GHz)	Insert. Loss (dB)	VSWR (Max:1)	Isolation min (dB)	Power (Watts)	Switching Speed (ns)
RFSPSTA0001GK	0.02-1.0	1.2	1.5	80	1W max.	100ns (>50MHz) 500ns (<50MHz)



Mechanical Specification

Finishing: Gold plating for brass material
Other finishing available

Connector: SMA-F Per MIL-C-39012

Control PIN: 0.02" dia x 0.15" solder pins

Weight: 20 grams max.

Mounting: (3) 0.11" dia through holes

Electrical Operation

DC Biasing:

+5.0V (+/-0.5V 30mA max.)

-12.0V (+/-0.5V 30mA max.)

High Voltage Biasing is required for high RF power model.

TTL Logic Control:

"0"→ON, "1"→OFF, 3.6V < "1" < 5V

Power Handle: 0.2W~50W (upon request)

Note: Contact RF-Lambda for faster switching speed, higher power handle, higher isolation

- 1.Higher power handle capability will give lower isolation , higher biasing current and slower switching speed.
- 2.Narrower frequency band will improve insertion loss and isolation.

Absorptive Single Pole Single Throw Switch 0.02-1.0GHz

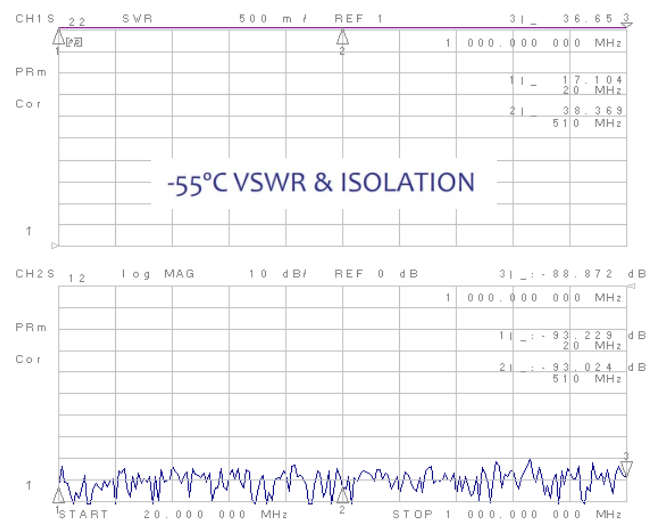
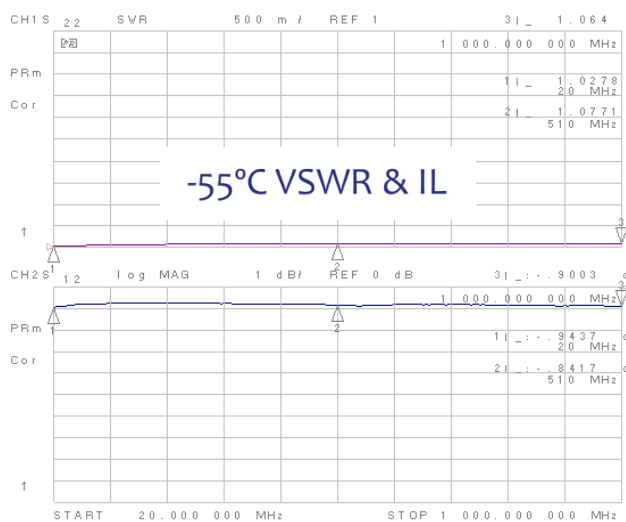
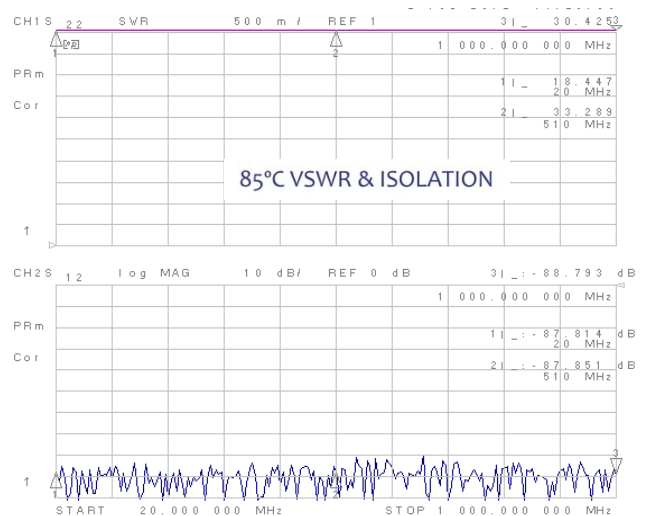
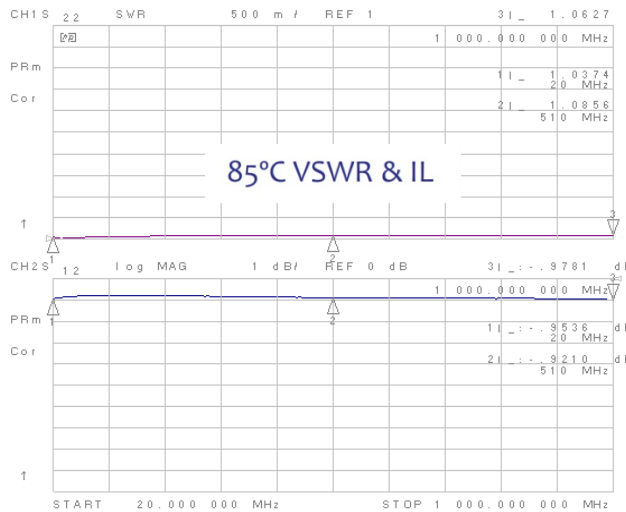
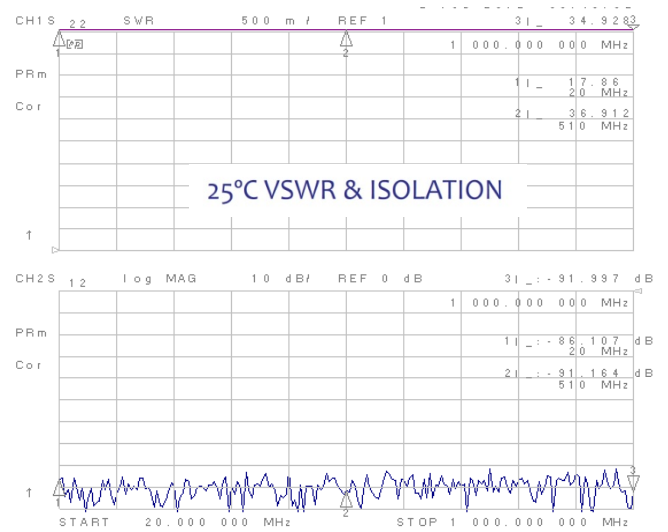
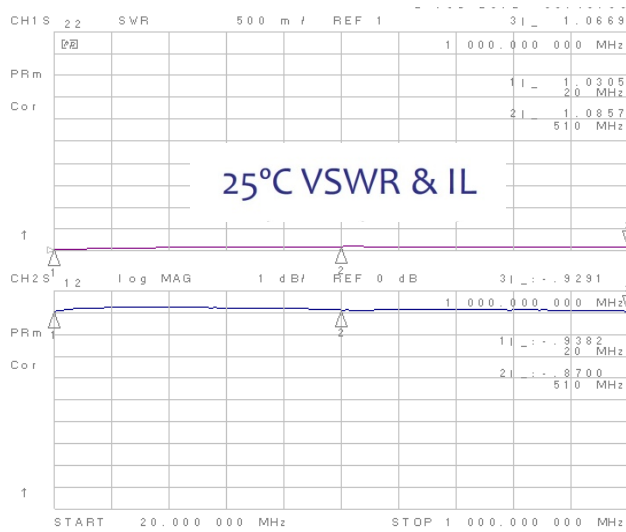


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