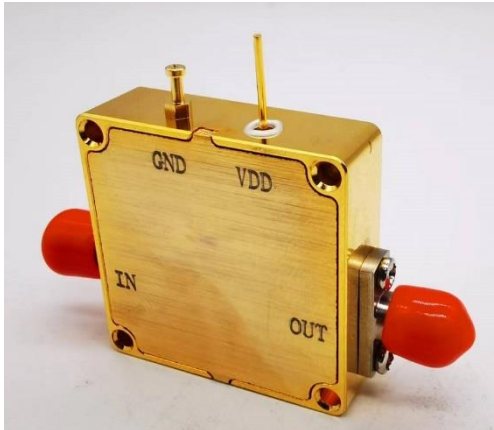


AT-APS-0313-360S2

Analog Phase Shifter, 3-13GHz, 360 degree

3-13GHz 360 Degree Analog Phase Shifter



Description:

The AT-APS-0313-360S2 is an Analog Phase Shifter which is controlled via an analog control voltage from 0 to +13V.

It provides a continuously variable phase shift of 0 to 360 degrees from 3GHz to 13GHz with consistent insertion loss versus phase shift. The phase shift is monotonic with respect to control voltage.

Feature

- ✓ Wide Band Operation 3-13GHz
- ✓ 360degree Phase Shift
- ✓ Low Insertion Loss
- ✓ Single Control Operation
- ✓ Customized Available

Application

- ✓ Point to Point Radios
- ✓ VSAT Radios
- ✓ Test Equipment
- ✓ Fiber Optic
- ✓ Military and Space

Electronical Specifications:

Parameter	Min	Typical	Max	Unit
Frequency Range		3-13		GHz
Phase Range	330	360		Degree
Insertion Loss		-5.0	-8dB	dB
Return Loss		-15		dB
Control Voltage		0-13		V
Control Current		1		uA
Sensitivity		36		Deg/V
Response Time		0.14		us
Temperature Sensitivity		0.2		Degree/C
Spec Temp		25C		

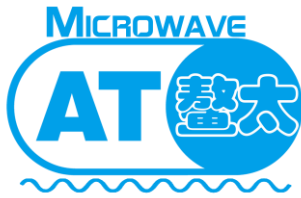
Shanghai AT Microwave Limited

Tel:021-6229 1233

Email:sales@atmicrowave.com

www.atmicrowave.com





AT-APS-0313-360S2

Analog Phase Shifter, 3-13GHz, 360 degree

Mechanical Information

Item	Description
Input Port	SMA Female
Output Port	SMA Female
Case Material	Copper
Finish	Gold Plated
Package Sealing	Epoxy Sealed
Weight	80g
Size:	See outline

Absolute Maximum Ratings Table

Parameter	Value
Control Voltage	-0.5 to +18V
RF Input Power	+15dBm
Operating Temperature	-40 to +85C
Storage Temperature	-65 to +150C
ESD Sensitive(HBM)	Class 1B

Notes:

- ✓ Datasheet may be changed according to update of MMIC, Raw materials , process, and so on.
- ✓ This data is only for reference, not for guaranteed specifications.
- ✓ Please contact AT Microwave team to make sure you have the most current data.
- ✓ Always pay attention to the temperature of the case, heatsink and fan are required if case temperature exceeds over 50C.



