

Data Sheet Revision for the HMC247 Analog Phase Shifter

Data Sheet Comparison Table

Old Rev v03



Electrical Specifications, $T_A = +25^\circ\text{C}$, 50 Ohm System

Parameter	Frequency (GHz)	Min.	Typ.	Max.	Units
Phase Shift Range:	5 - 10 GHz	180	400		degrees
	10 - 13 GHz	135	200		degrees
	13 - 18 GHz	45	120		degrees
Insertion Loss	5 - 10 GHz		8	12	dB
	10 - 18 GHz		4	7	dB
Return Loss (Input and Output)	5 - 18 GHz		8		dB
Control Voltage Range	5 - 18 GHz		0 - 10		V_{DC}
Modulation Bandwidth	5 - 18 GHz		50		MHz
Phase Voltage Sensitivity	5 - 18 GHz		40		deg/Volt
Insertion Phase Temperature Sensitivity	5 - 18 GHz		0.5		deg/°C

New Rev v04

Control Voltage Range	5 - 6 GHz		0 - 8		Volt
	6 - 18 GHz		0 - 10		