



Silicon Schottky Diodes for Mixers

Frequency	Type	Typical forward voltage at 100 μ A (mV)	Minimum reverse voltage at 10 μ A (V)	Typical slope resistance (Ω)	Typical junction capacitance at 0 V (fF)	Outline (see page 13)	Application
S-Band	DC1508	350	2	10	180	20	Microstrip
	DC1511					59	
	DC1519					09	
S-Band	DC1571	200	2	10	180	20	Microstrip (low drive)
	DC1573					59	
S-Band	DC1505	350	2	10	200	23A	Waveguide
S-Band	DC1572	200	2 typical	10	180	23A	Waveguide (low drive)
X-Band	DC1536F	400 at 2.5 mA	2	18	150	107	Microstrip
	DC1536G						
X-Band	DC1575	200	2 typical	20	80	20	Microstrip (low drive)
	DC1578					59	
X-Band	DC1501	350	2	20	80	51	Waveguide
	DC1504					23A	
	DC1539					102	
X-Band	DC1576	200	2 typical	20	80	23A	Waveguide (low drive)
	DC1577					51	
X-Band	DC1591	200	—	20	150	59	Microstrip (limiter)
	DC1596					20	
X-Band	DC1590	200	—	20	150	23B	Waveguide (limiter)
	DC1593					51	
J-Band	DC1524	350	2	20	60	20	Microstrip
J-Band	DC1546	350	2	25	60	51	Waveguide