



Gallium Arsenide 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
X-Band	DC1301					20	
	DC1301C					20	
	DC1332					59	
	DC1333	600	2	5	80	09	Microstrip
X-Band	DC1302					23A	
	DC1304					51	
	DC1304-3					51	
	DC1304C	600	2	5	80	51	Waveguide
J-Band	DC1306	700	2	4	100	107	
	DC1323	600	2	6	60	20	
	DC1334	600	2	6	60	59	
	DC1340	700	2	4	100	107	Microstrip
J-Band	DC1325	600	2	6	60	51	Waveguide
Q-Band	DC1338				75	107	
	DC1339				55	107	
	DC1343	700	2	4	80	111	Microstrip
30-100 GHz	DC1346			10 max	40 max		
	DC1346-1			10 max	50 max		
	DC1346-3			10 max	38 max		
	DC1346-7			10 max	35 max		
	DC1346-8	720	2	7 max	40 max	107	Microstrip