

# Phase Detector (High DC Output)

# SYPD-1+

## Typical Performance Data

FREQUENCY (MHz)	DC OUTPUT (mV)	DC OFFSET (mV)	RF1-RF2 ISOLATION (dB)
1.00	-769.98	0.10	76.12
5.00	-830.34	0.11	75.09
8.07	-840.24	0.11	74.07
10.00	-843.71	0.10	73.19
15.14	-851.12	0.11	70.19
20.00	-859.20	0.11	68.10
22.21	-861.26	0.10	67.28
29.29	-872.02	0.11	65.14
36.36	-881.57	0.11	63.29
40.00	-886.86	0.12	62.38
43.43	-889.93	0.12	61.76
50.50	-917.82	0.14	60.51
57.57	-927.50	0.15	59.35
60.00	-917.14	0.15	59.18
64.64	-920.62	0.15	58.73
71.71	-925.22	0.17	57.82
78.79	-928.03	0.18	57.35
85.86	-932.34	0.17	57.15
92.93	-932.98	0.18	56.93
100.00	-909.17	0.23	56.36