

*Typical Performance Data***NOTE: Use PDF Bookmarks to view DATA at required conditions**TEST CONDITIONS: $P_{IN} = 0$ dBm Temperature = +25°C

FREQ	Insertion Loss	Input Return Loss	Output Return Loss
(GHz)	(dB)	(dB)	(dB)
0.01	-11.4	-32.7	-32.7
0.02	-11.4	-32.7	-32.5
0.03	-11.4	-32.6	-32.5
0.04	-11.4	-32.6	-32.4
0.05	-11.4	-32.6	-32.4
0.06	-11.4	-32.6	-32.4
0.07	-11.4	-32.5	-32.3
0.08	-11.4	-32.5	-32.3
0.09	-11.4	-32.4	-32.3
0.10	-11.4	-32.3	-32.2
0.20	-11.4	-31.9	-31.7
0.30	-11.3	-31.3	-31.0
0.40	-11.3	-30.6	-30.3
0.50	-11.3	-29.7	-29.5
0.60	-11.3	-29.0	-28.7
0.70	-11.2	-28.3	-28.0
0.80	-11.2	-27.7	-27.5
0.90	-11.1	-27.2	-27.0
1.00	-11.1	-26.7	-26.4
1.50	-10.7	-24.8	-24.3
2.00	-10.3	-23.4	-22.8
2.50	-9.8	-22.5	-21.8
3.00	-9.3	-21.7	-21.0
3.50	-8.8	-21.0	-20.4
4.00	-8.2	-20.6	-20.0
4.50	-7.7	-20.4	-19.7
5.00	-7.1	-20.2	-19.7
5.50	-6.6	-20.5	-20.0
6.00	-6.0	-21.1	-20.4
6.50	-5.5	-21.7	-21.0
7.00	-5.0	-22.6	-21.8
7.50	-4.5	-23.9	-22.9
8.00	-4.0	-24.7	-24.1
8.50	-3.5	-25.3	-25.9
9.00	-3.1	-25.4	-27.9
9.50	-2.6	-24.5	-28.9
10.00	-2.0	-22.8	-28.1
10.50	-2.0	-21.7	-25.9
11.00	-1.7	-21.2	-24.5
11.50	-1.4	-20.9	-23.8
12.00	-1.3	-21.7	-24.2
12.50	-1.1	-23.3	-25.8
13.00	-1.0	-25.1	-27.7
13.50	-1.0	-29.0	-31.3
14.00	-1.0	-36.5	-36.9

*Typical Performance Data***NOTE: Use PDF Bookmarks to view DATA at required conditions**TEST CONDITIONS: $P_{IN} = 0$ dBm Temperature = -55°C

FREQ	Insertion Loss	Input Return Loss	Output Return Loss
(GHz)	(dB)	(dB)	(dB)
0.01	-11.4	-31.9	-31.9
0.02	-11.4	-31.9	-31.8
0.03	-11.4	-31.9	-31.7
0.04	-11.4	-31.8	-31.6
0.05	-11.4	-31.8	-31.6
0.06	-11.4	-31.7	-31.5
0.07	-11.4	-31.7	-31.4
0.08	-11.4	-31.6	-31.3
0.09	-11.4	-31.5	-31.3
0.10	-11.4	-31.4	-31.2
0.20	-11.4	-30.7	-30.4
0.30	-11.4	-30.0	-29.8
0.40	-11.3	-29.4	-29.4
0.50	-11.3	-28.8	-28.7
0.60	-11.3	-28.3	-28.0
0.70	-11.2	-27.8	-27.4
0.80	-11.2	-27.2	-27.0
0.90	-11.1	-26.8	-26.6
1.00	-11.1	-26.4	-26.1
1.50	-10.7	-25.0	-24.3
2.00	-10.3	-23.5	-23.0
2.50	-9.9	-22.3	-21.9
3.00	-9.3	-21.5	-20.7
3.50	-8.8	-20.6	-20.0
4.00	-8.3	-20.2	-19.8
4.50	-7.7	-20.4	-19.7
5.00	-7.2	-20.3	-19.8
5.50	-6.6	-20.6	-20.2
6.00	-6.1	-21.3	-20.4
6.50	-5.5	-22.0	-21.1
7.00	-5.0	-23.4	-22.9
7.50	-4.5	-25.4	-24.3
8.00	-4.0	-25.8	-24.8
8.50	-3.5	-25.4	-25.9
9.00	-3.1	-25.0	-26.7
9.50	-2.6	-24.2	-26.6
10.00	-2.3	-22.6	-26.8
10.50	-1.9	-21.2	-26.0
11.00	-1.6	-20.9	-24.8
11.50	-1.4	-20.3	-23.7
12.00	-1.2	-20.8	-23.6
12.50	-1.1	-22.3	-24.3
13.00	-1.0	-23.4	-25.1
13.50	-0.9	-25.6	-28.9
14.00	-0.9	-30.8	-37.0

*Typical Performance Data***NOTE: Use PDF Bookmarks to view DATA at required conditions**TEST CONDITIONS: $P_{IN} = 0 \text{ dBm}$ Temperature = $+105^{\circ}\text{C}$

FREQ	Insertion Loss	Input Return Loss	Output Return Loss
(GHz)	(dB)	(dB)	(dB)
0.01	-11.3	-33.6	-33.5
0.02	-11.3	-33.5	-33.4
0.03	-11.3	-33.5	-33.3
0.04	-11.3	-33.5	-33.3
0.05	-11.3	-33.5	-33.3
0.06	-11.3	-33.5	-33.3
0.07	-11.3	-33.4	-33.2
0.08	-11.3	-33.3	-33.2
0.09	-11.3	-33.3	-33.1
0.10	-11.3	-33.2	-33.1
0.20	-11.3	-32.8	-32.7
0.30	-11.3	-32.3	-32.0
0.40	-11.3	-31.5	-31.1
0.50	-11.3	-30.4	-30.2
0.60	-11.2	-29.5	-29.4
0.70	-11.2	-28.9	-28.7
0.80	-11.1	-28.3	-28.0
0.90	-11.1	-27.7	-27.4
1.00	-11.0	-27.1	-26.8
1.50	-10.7	-24.9	-24.3
2.00	-10.2	-23.4	-22.9
2.50	-9.8	-22.5	-21.9
3.00	-9.2	-21.8	-21.0
3.50	-8.7	-21.0	-20.4
4.00	-8.1	-20.3	-19.8
4.50	-7.6	-19.9	-19.1
5.00	-7.0	-19.6	-19.0
5.50	-6.5	-19.9	-19.4
6.00	-5.9	-20.6	-19.8
6.50	-5.4	-21.3	-20.5
7.00	-4.9	-22.5	-21.9
7.50	-4.4	-24.0	-23.3
8.00	-3.9	-25.1	-24.8
8.50	-3.4	-26.0	-27.9
9.00	-3.0	-25.2	-30.7
9.50	-2.6	-23.9	-29.1
10.00	-2.2	-22.4	-26.3
10.50	-1.9	-21.9	-25.4
11.00	-1.6	-22.5	-25.9
11.50	-1.4	-23.3	-26.5
12.00	-1.2	-25.0	-28.3
12.50	-1.1	-27.3	-32.3
13.00	-1.0	-29.3	-35.0
13.50	-1.0	-32.9	-36.9
14.00	-1.0	-36.9	-38.5