

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

FREQ	Insertion Loss	Input Return Loss	Output Return Loss
(GHz)	(dB)	(dB)	(dB)
0.01	-1.7	-46.3	-46.3
0.02	-1.7	-45.5	-46.7
0.03	-1.7	-45.3	-46.5
0.04	-1.7	-46.0	-46.7
0.05	-1.7	-45.7	-46.7
0.06	-1.7	-45.0	-46.1
0.07	-1.7	-44.8	-45.5
0.08	-1.7	-44.5	-45.1
0.09	-1.7	-44.2	-44.5
0.10	-1.7	-43.7	-43.9
0.20	-1.7	-40.4	-40.3
0.30	-1.7	-37.7	-37.8
0.40	-1.7	-35.9	-35.6
0.50	-1.7	-34.2	-33.9
0.60	-1.7	-33.0	-32.5
0.70	-1.7	-32.1	-31.7
0.80	-1.7	-31.3	-30.9
0.90	-1.7	-30.6	-30.2
1.00	-1.7	-30.0	-29.5
1.50	-1.7	-27.9	-27.3
2.00	-1.6	-26.7	-26.1
2.50	-1.6	-25.9	-25.3
3.00	-1.5	-25.2	-24.7
3.50	-1.5	-24.4	-24.2
4.00	-1.4	-23.9	-23.7
4.50	-1.3	-23.2	-23.2
5.00	-1.3	-22.7	-22.5
5.50	-1.2	-22.0	-21.8
6.00	-1.1	-21.2	-21.0
6.50	-1.1	-20.5	-20.2
7.00	-1.0	-19.7	-19.5
7.50	-1.0	-19.0	-18.9
8.00	-0.9	-18.5	-18.7
8.50	-0.9	-18.4	-18.8
9.00	-0.9	-18.7	-19.2
9.50	-0.8	-19.4	-20.2
10.00	-0.8	-20.8	-21.8
10.50	-0.7	-22.9	-24.0
11.00	-0.6	-25.1	-25.8
11.50	-0.6	-25.3	-24.6
12.00	-0.6	-22.4	-21.7
12.50	-0.6	-19.8	-19.3
13.00	-0.6	-17.9	-17.6
13.50	-0.6	-16.9	-16.6
14.00	-0.5	-16.8	-16.5

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

FREQ	Insertion Loss	Input Return Loss	Output Return Loss
(GHz)	(dB)	(dB)	(dB)
0.01	-1.6	-45.3	-45.5
0.02	-1.6	-44.8	-45.5
0.03	-1.6	-44.6	-45.8
0.04	-1.6	-45.6	-46.4
0.05	-1.6	-45.4	-46.6
0.06	-1.6	-45.2	-46.4
0.07	-1.6	-45.3	-46.2
0.08	-1.6	-45.4	-46.2
0.09	-1.6	-45.4	-45.8
0.10	-1.6	-45.2	-45.4
0.20	-1.6	-41.2	-41.1
0.30	-1.7	-36.8	-36.8
0.40	-1.7	-34.5	-34.2
0.50	-1.7	-33.0	-32.7
0.60	-1.7	-32.0	-31.6
0.70	-1.7	-31.1	-30.8
0.80	-1.7	-30.4	-30.0
0.90	-1.7	-29.8	-29.5
1.00	-1.7	-29.5	-29.1
1.50	-1.6	-28.2	-27.5
2.00	-1.6	-26.7	-26.1
2.50	-1.6	-26.0	-25.6
3.00	-1.5	-24.6	-24.2
3.50	-1.5	-23.7	-23.2
4.00	-1.4	-23.2	-23.1
4.50	-1.3	-22.8	-22.9
5.00	-1.3	-22.5	-22.3
5.50	-1.2	-21.9	-21.7
6.00	-1.1	-21.0	-20.9
6.50	-1.1	-20.7	-20.1
7.00	-1.0	-20.2	-20.1
7.50	-1.0	-19.3	-19.6
8.00	-1.0	-18.5	-18.8
8.50	-0.9	-18.0	-18.3
9.00	-0.9	-17.8	-18.2
9.50	-0.8	-18.4	-18.6
10.00	-0.8	-19.9	-20.4
10.50	-0.7	-21.3	-22.9
11.00	-0.7	-23.8	-24.6
11.50	-0.6	-25.5	-24.3
12.00	-0.6	-22.7	-21.7
12.50	-0.6	-19.7	-19.1
13.00	-0.6	-17.2	-16.9
13.50	-0.6	-16.2	-16.0
14.00	-0.5	-16.5	-16.3

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

FREQ	Insertion Loss	Input Return Loss	Output Return Loss
(GHz)	(dB)	(dB)	(dB)
0.01	-1.7	-47.3	-47.4
0.02	-1.7	-46.5	-47.6
0.03	-1.7	-46.0	-47.4
0.04	-1.7	-46.6	-47.4
0.05	-1.7	-46.1	-47.0
0.06	-1.7	-45.3	-46.2
0.07	-1.7	-44.9	-45.4
0.08	-1.7	-44.5	-44.9
0.09	-1.7	-44.0	-44.3
0.10	-1.7	-43.6	-43.6
0.20	-1.7	-40.7	-40.6
0.30	-1.7	-38.8	-39.0
0.40	-1.7	-37.0	-36.7
0.50	-1.7	-35.0	-34.7
0.60	-1.7	-33.7	-33.2
0.70	-1.7	-32.7	-32.4
0.80	-1.7	-31.8	-31.5
0.90	-1.7	-31.1	-30.7
1.00	-1.7	-30.4	-30.0
1.50	-1.7	-27.7	-27.2
2.00	-1.6	-26.5	-25.9
2.50	-1.6	-26.0	-25.4
3.00	-1.5	-25.6	-25.0
3.50	-1.4	-25.1	-24.6
4.00	-1.4	-24.3	-24.0
4.50	-1.3	-23.1	-23.0
5.00	-1.2	-22.3	-22.0
5.50	-1.2	-21.8	-21.6
6.00	-1.1	-21.1	-21.0
6.50	-1.0	-20.5	-20.1
7.00	-1.0	-20.0	-19.8
7.50	-1.0	-19.2	-19.4
8.00	-0.9	-19.0	-19.4
8.50	-0.9	-19.6	-20.1
9.00	-0.8	-20.1	-21.2
9.50	-0.8	-21.1	-22.2
10.00	-0.7	-22.9	-23.8
10.50	-0.7	-24.7	-26.7
11.00	-0.6	-27.3	-28.5
11.50	-0.6	-27.9	-26.6
12.00	-0.5	-24.1	-23.3
12.50	-0.5	-21.5	-20.9
13.00	-0.5	-19.3	-18.8
13.50	-0.5	-18.0	-17.5
14.00	-0.5	-17.6	-17.2