

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS			INPUT RETURN LOSS			OUTPUT RETURN LOSS		
	(dB)			(dB)			(dB)		
	@-40°C	@+25°C	@+85°C	@-40°C	@+25°C	@+85°C	@-40°C	@+25°C	@+85°C
0.5	95.47	91.08	94.38	0.06	0.09	0.11	0.05	0.08	0.11
1.0	94.06	102.59	93.19	0.06	0.08	0.10	0.06	0.08	0.11
5.0	101.18	101.95	102.43	0.09	0.11	0.13	0.08	0.11	0.14
10.0	91.83	95.36	107.04	0.11	0.14	0.15	0.10	0.14	0.17
50.0	94.94	92.55	114.36	0.21	0.24	0.26	0.20	0.23	0.25
75.0	89.20	87.91	88.64	0.21	0.25	0.26	0.17	0.22	0.26
125.0	89.50	101.17	91.55	0.17	0.20	0.22	0.12	0.17	0.20
150.0	99.05	93.57	97.89	0.15	0.18	0.20	0.09	0.15	0.18
175.0	120.83	95.91	93.46	0.12	0.16	0.17	0.07	0.13	0.17
200.0	95.55	90.80	89.60	0.11	0.14	0.16	0.06	0.12	0.15
240.0	94.66	101.00	93.43	0.09	0.12	0.14	0.04	0.11	0.15
250.0	91.41	97.46	89.33	0.08	0.12	0.14	0.03	0.11	0.15
260.0	88.69	95.78	90.77	0.08	0.12	0.14	0.04	0.12	0.16
270.0	88.57	89.98	84.61	0.08	0.12	0.14	0.04	0.12	0.16
280.0	87.30	83.78	84.08	0.08	0.12	0.14	0.04	0.13	0.17
290.0	78.68	81.11	80.93	0.08	0.12	0.14	0.05	0.13	0.17
300.0	76.20	77.20	77.55	0.09	0.13	0.15	0.05	0.14	0.18
310.0	73.73	73.73	72.97	0.09	0.13	0.16	0.06	0.16	0.20
320.0	70.00	69.08	68.70	0.10	0.14	0.17	0.07	0.17	0.22
330.0	66.46	65.52	65.30	0.10	0.15	0.18	0.08	0.19	0.24
340.0	62.12	62.12	61.79	0.11	0.16	0.19	0.10	0.21	0.27
350.0	58.58	58.18	57.68	0.13	0.18	0.21	0.13	0.25	0.31
360.0	54.34	53.91	53.43	0.14	0.20	0.24	0.16	0.29	0.36
370.0	49.92	49.46	48.97	0.17	0.24	0.28	0.21	0.35	0.42
380.0	45.30	44.79	44.27	0.20	0.28	0.32	0.27	0.43	0.51
400.0	35.08	34.47	33.85	0.31	0.42	0.49	0.48	0.69	0.82
410.0	29.38	28.67	27.97	0.42	0.56	0.65	0.66	0.92	1.09
420.0	23.19	22.40	21.61	0.59	0.80	0.93	0.93	1.27	1.52
440.0	9.70	8.94	8.25	2.06	2.85	3.52	2.55	3.54	4.38
460.0	2.04	2.35	2.52	14.27	17.43	20.12	14.10	17.60	21.47
470.0	1.52	1.93	2.15	25.31	27.26	27.97	27.62	32.64	32.97
470.5	1.51	1.92	2.15	25.69	27.44	28.04	28.49	33.21	32.62
471.0	1.50	1.91	2.14	25.99	27.55	28.05	29.31	33.59	32.25
471.5	1.49	1.90	2.13	26.27	27.63	28.03	30.11	33.74	31.84
472.0	1.48	1.89	2.12	26.50	27.67	27.99	30.80	33.69	31.41
472.5	1.47	1.88	2.11	26.66	27.65	27.90	31.39	33.45	30.99
473.0	1.46	1.87	2.11	26.79	27.60	27.80	31.82	33.08	30.55
473.5	1.45	1.86	2.09	26.88	27.54	27.67	32.08	32.65	30.16
474.0	1.45	1.86	2.09	26.90	27.42	27.50	32.15	32.12	29.76
474.5	1.44	1.85	2.08	26.88	27.29	27.32	32.00	31.58	29.37
475.0	1.43	1.84	2.08	26.80	27.10	27.11	31.71	31.03	29.00
475.5	1.43	1.84	2.07	26.69	26.90	26.87	31.26	30.47	28.62
480.0	1.39	1.79	2.03	24.70	24.53	24.39	26.72	26.40	25.84
485.0	1.36	1.76	2.00	21.91	21.79	21.81	23.06	23.27	23.46
490.0	1.35	1.75	1.98	19.63	19.75	20.06	20.58	21.13	21.76
495.0	1.35	1.74	1.97	18.11	18.54	19.18	19.01	19.85	20.86
500.0	1.35	1.74	1.96	17.39	18.19	19.23	18.27	19.47	20.91
505.0	1.34	1.73	1.96	17.59	18.86	20.44	18.45	20.16	22.25
510.0	1.32	1.73	1.97	18.97	20.89	23.21	19.93	22.59	26.06
515.0	1.32	1.74	2.01	22.16	24.56	26.13	23.76	29.07	34.30
520.0	1.33	1.79	2.09	27.00	24.57	22.12	36.28	30.69	24.41
530.0	1.54	2.09	2.48	16.65	14.93	13.83	17.16	15.28	13.81
540.0	2.06	2.74	3.25	10.69	10.33	10.01	10.28	9.53	8.79
550.0	3.03	3.93	4.70	7.82	7.96	7.82	6.52	6.03	5.50
600.0	21.15	22.50	23.53	0.95	1.11	1.19	0.47	0.66	0.75
605.0	23.02	24.31	25.30	0.82	0.97	1.05	0.41	0.60	0.69
610.0	24.81	26.03	26.97	0.72	0.87	0.94	0.37	0.55	0.65
615.0	26.50	27.67	28.57	0.65	0.79	0.86	0.33	0.51	0.61
620.0	28.10	29.23	30.10	0.58	0.71	0.78	0.30	0.48	0.57
625.0	29.61	30.70	31.54	0.53	0.66	0.72	0.28	0.46	0.55
630.0	31.07	32.11	32.92	0.49	0.61	0.67	0.26	0.43	0.52
635.0	32.45	33.47	34.25	0.45	0.56	0.63	0.24	0.41	0.50
640.0	33.77	34.76	35.53	0.41	0.53	0.59	0.22	0.39	0.48
645.0	35.04	35.99	36.75	0.39	0.50	0.55	0.21	0.38	0.46
650.0	36.25	37.19	37.91	0.36	0.46	0.52	0.19	0.36	0.44
700.0	46.36	47.07	47.61	0.22	0.31	0.35	0.11	0.27	0.35
800.0	59.71	60.24	60.60	0.14	0.21	0.25	0.05	0.21	0.29
1000.0	76.04	76.42	76.65	0.13	0.21	0.25	0.02	0.20	0.28
2000.0	74.46	71.48	69.16	0.22	0.34	0.41	0.07	0.35	0.52
2600.0	50.95	58.37	55.17	0.23	0.37	0.45	0.05	0.37	0.55

Typical Performance Data

FREQ.	Deviation from Linear Phase			Insertion Phase		
(MHz)	(Deg.)			(Deg.)		
	@-40°C	@+25°C	@+85°C	@-40°C	@+25°C	@+85°C
465.0	4.89	4.19	3.66	-90.67	-96.87	-101.18
465.5	4.34	3.71	3.25	-93.16	-99.28	-103.51
466.0	3.81	3.26	2.84	-95.64	-101.65	-105.83
466.5	3.29	2.79	2.45	-98.10	-104.05	-108.13
467.0	2.79	2.38	2.07	-100.54	-106.38	-110.43
467.5	2.27	1.95	1.70	-103.00	-108.74	-112.71
468.0	1.85	1.57	1.35	-105.37	-111.04	-114.97
468.5	1.42	1.21	1.04	-107.74	-113.33	-117.20
469.0	1.01	0.85	0.74	-110.09	-115.61	-119.41
469.5	0.61	0.52	0.44	-112.43	-117.87	-121.62
470.0	0.25	0.20	0.16	-114.74	-120.11	-123.82
470.5	-0.11	-0.11	-0.12	-117.04	-122.35	-126.01
471.0	-0.45	-0.42	-0.40	-119.32	-124.58	-128.20
471.5	-0.76	-0.68	-0.61	-121.57	-126.77	-130.33
472.0	-1.08	-0.93	-0.84	-123.83	-128.94	-132.47
472.5	-1.36	-1.18	-1.06	-126.06	-131.12	-134.60
473.0	-1.65	-1.44	-1.26	-128.29	-133.30	-136.72
473.5	-1.92	-1.66	-1.46	-130.50	-135.45	-138.83
474.0	-2.15	-1.86	-1.65	-132.67	-137.57	-140.93
474.5	-2.39	-2.07	-1.84	-134.86	-139.71	-143.04
475.0	-2.59	-2.23	-1.97	-137.00	-141.79	-145.08
475.5	-2.82	-2.45	-2.15	-139.17	-143.94	-147.17
480.0	-4.15	-3.57	-3.13	-157.98	-162.39	-165.37
485.0	-4.68	-4.01	-3.47	-177.94	-182.08	-184.85
490.0	-4.48	-3.78	-3.21	-197.16	-201.10	-203.72
495.0	-3.67	-3.00	-2.47	-215.77	-219.57	-222.11
500.0	-2.41	-1.87	-1.47	-233.94	-237.69	-240.24
505.0	-0.88	-0.55	-0.32	-251.83	-255.62	-258.23
510.0	0.73	0.77	0.79	-269.65	-273.55	-276.25
515.0	2.24	1.95	1.73	-287.56	-291.62	-294.44
520.0	3.54	2.90	2.42	-305.68	-309.92	-312.89
525.0	4.50	3.55	2.80	-324.15	-328.52	-331.64