

*Typical Performance Data (per Switch)*

FREQUENCY (MHz)	INSERTION LOSS (dB)						ISOLATION (Inactive Paths) (dB)					
	IN-J1	IN-J2	IN-J3	IN-J4	IN-J5	IN-J6	IN-J1 (J2 Active)	IN-J2 (J3 Active)	IN-J3 (J4 Active)	IN-J4 (J5 Active)	IN-J5 (J6 Active)	IN-J6 (J1 Active)
10	-0.01	-0.03	-0.01	-0.01	-0.04	-0.05	57.43	70.25	68.11	64.10	65.57	67.35
50	0.00	0.02	0.00	0.01	0.02	0.00	76.64	83.07	72.70	76.24	81.55	74.40
100	0.03	0.02	0.00	0.02	0.02	0.00	72.23	85.32	82.71	79.39	84.38	84.17
200	0.03	0.03	0.00	0.02	0.03	0.00	75.08	99.96	77.19	81.60	79.01	82.09
300	0.03	0.04	0.01	0.03	0.03	0.00	81.94	88.43	82.81	93.57	87.08	89.98
400	0.04	0.04	0.01	0.04	0.04	0.01	89.43	95.63	99.35	99.94	89.11	102.15
500	0.04	0.05	0.01	0.04	0.05	0.01	94.22	99.69	92.49	99.90	96.83	97.79
600	0.04	0.05	0.02	0.04	0.05	0.02	97.87	97.87	96.02	96.02	102.87	90.47
700	0.05	0.05	0.01	0.05	0.05	0.01	88.24	102.31	87.20	102.40	94.96	104.93
800	0.05	0.05	0.01	0.05	0.05	0.01	91.54	102.74	99.44	94.05	101.30	99.97
900	0.05	0.05	0.01	0.05	0.05	0.01	96.29	100.12	96.03	133.20	97.22	105.03
1000	0.05	0.06	0.02	0.05	0.06	0.02	104.84	105.46	87.44	98.87	100.08	90.73
1500	0.06	0.06	0.01	0.06	0.06	0.01	106.98	101.28	93.04	103.30	95.62	100.00
2000	0.06	0.07	0.02	0.06	0.07	0.02	100.50	101.61	92.59	99.37	93.67	94.60
2500	0.07	0.07	0.01	0.07	0.07	0.02	89.27	98.60	93.14	103.92	88.66	95.75
3000	0.08	0.08	0.02	0.08	0.08	0.03	94.14	100.36	92.08	97.24	97.64	99.83
3500	0.08	0.08	0.01	0.08	0.09	0.02	91.31	95.65	87.78	100.33	96.94	93.47
4000	0.09	0.09	0.02	0.09	0.09	0.03	101.94	98.68	94.27	100.51	97.01	95.63
4500	0.10	0.10	0.02	0.10	0.10	0.03	110.90	94.82	111.27	97.27	99.21	95.00
5000	0.10	0.10	0.02	0.10	0.10	0.04	92.82	103.48	89.21	96.52	108.87	96.33
5500	0.11	0.10	0.02	0.10	0.11	0.04	93.72	98.19	87.36	116.17	94.03	110.23
6000	0.11	0.11	0.03	0.11	0.12	0.04	84.57	95.12	118.69	102.13	92.84	94.03
6500	0.12	0.11	0.03	0.12	0.12	0.05	95.64	115.11	90.96	102.26	92.66	96.98
7000	0.12	0.12	0.04	0.13	0.13	0.06	93.47	91.90	90.98	100.95	93.39	97.95
7500	0.13	0.12	0.04	0.13	0.13	0.06	93.64	97.75	99.53	98.50	102.18	96.02
8000	0.13	0.13	0.04	0.14	0.14	0.07	89.64	100.20	88.11	96.66	102.76	95.78
8500	0.14	0.13	0.05	0.14	0.14	0.07	95.07	95.47	90.33	95.38	101.92	92.14
9000	0.14	0.14	0.05	0.15	0.15	0.08	89.41	98.62	85.59	106.22	100.53	113.11
9500	0.15	0.14	0.06	0.15	0.16	0.08	90.05	125.99	90.47	101.11	95.22	92.90
10000	0.15	0.15	0.07	0.16	0.16	0.09	90.83	98.49	94.05	92.53	101.02	106.35
10500	0.15	0.15	0.07	0.16	0.17	0.09	93.86	90.63	93.92	93.40	123.46	96.79
11000	0.16	0.16	0.08	0.17	0.17	0.10	92.50	94.97	88.53	97.22	92.33	91.09
11500	0.16	0.16	0.08	0.17	0.18	0.10	88.62	103.47	98.23	105.09	94.74	103.52
12000	0.16	0.16	0.08	0.17	0.17	0.10	83.40	92.35	85.51	102.37	90.99	94.48
13000	0.16	0.16	0.08	0.17	0.17	0.11	90.46	104.90	98.11	98.82	96.92	97.69
14000	0.17	0.16	0.09	0.17	0.17	0.12	93.11	94.18	96.81	93.27	101.03	99.83
15000	0.18	0.18	0.11	0.19	0.18	0.15	89.49	96.82	99.34	95.36	95.60	101.83
16000	0.20	0.20	0.13	0.20	0.20	0.18	87.16	102.53	89.07	93.98	96.46	94.08
17000	0.22	0.22	0.15	0.23	0.23	0.21	94.85	93.93	95.58	96.11	101.62	95.00
18000	0.24	0.23	0.17	0.24	0.25	0.23	93.25	95.01	94.04	97.36	111.99	86.84
19000	0.26	0.24	0.19	0.26	0.26	0.25	89.73	100.31	94.50	97.10	93.80	99.68
20000	0.27	0.24	0.20	0.27	0.26	0.26	81.93	97.42	87.37	87.95	89.41	89.21
21000	0.28	0.24	0.21	0.27	0.27	0.26	86.78	87.07	100.72	85.17	103.61	98.45
22000	0.27	0.25	0.23	0.28	0.28	0.26	89.81	93.95	91.74	97.15	99.86	105.42
23000	0.27	0.25	0.23	0.27	0.27	0.25	86.02	98.48	103.14	91.72	92.40	99.57
24000	0.26	0.25	0.23	0.27	0.26	0.24	93.10	96.21	97.29	89.12	91.81	97.77
25000	0.25	0.25	0.23	0.27	0.26	0.23	92.00	97.11	94.43	91.43	93.27	95.48
26000	0.26	0.25	0.23	0.27	0.27	0.25	86.43	96.32	83.47	104.56	90.21	101.73
27000	0.29	0.26	0.24	0.29	0.28	0.27	83.47	94.59	88.44	90.77	90.77	87.28
28000	0.29	0.25	0.24	0.29	0.28	0.29	87.52	98.62	87.25	94.38	90.94	94.33
29000	0.29	0.26	0.25	0.29	0.29	0.30	86.39	90.81	97.24	93.97	92.75	91.81
30000	0.31	0.27	0.25	0.32	0.31	0.32	84.09	94.72	86.59	91.79	94.94	90.34
31000	0.31	0.28	0.25	0.33	0.31	0.33	82.03	92.37	87.76	99.49	97.49	92.47
32000	0.32	0.29	0.27	0.35	0.33	0.34	83.26	100.58	89.91	95.87	87.67	88.51
33000	0.33	0.30	0.28	0.37	0.34	0.35	84.77	89.18	84.84	105.02	95.24	97.29
34000	0.32	0.31	0.29	0.36	0.34	0.34	80.29	90.36	91.21	83.56	97.50	93.70
35000	0.32	0.31	0.30	0.36	0.34	0.32	90.63	92.41	81.93	93.81	87.80	93.18
36000	0.32	0.32	0.32	0.36	0.34	0.31	86.93	96.56	84.96	89.63	84.64	86.79
37000	0.32	0.33	0.33	0.36	0.33	0.31	87.59	82.74	81.12	94.55	85.21	93.48
38000	0.33	0.35	0.35	0.37	0.34	0.33	92.04	88.30	88.67	86.04	88.51	82.82
39000	0.36	0.42	0.39	0.40	0.37	0.39	85.83	84.18	79.94	80.68	84.25	89.88
40000	0.45	0.53	0.48	0.49	0.45	0.49	82.67	94.04	80.45	79.51	79.65	77.55



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Typical Performance Data (per Switch)

FREQUENCY (MHz)	Return Loss (Active Ports) (dB)						
	IN	J1	J2	J3	J4	J5	J6
10	44.06	39.10	38.18	42.05	39.14	37.41	39.72
50	66.41	52.69	52.65	53.36	52.16	51.83	54.41
100	52.53	52.54	49.55	45.45	51.71	48.51	46.11
200	53.52	49.15	49.00	45.38	49.26	49.54	46.92
300	50.99	47.35	47.55	50.36	47.38	47.06	48.77
400	47.30	46.77	47.82	43.18	47.49	47.58	43.11
500	46.22	45.87	46.52	46.99	46.87	46.08	50.09
600	43.61	46.35	47.07	49.49	49.11	46.10	44.79
700	42.78	46.37	47.79	45.27	49.61	46.23	43.09
800	42.04	46.86	48.93	54.23	50.34	46.49	55.74
900	41.34	47.51	49.90	47.57	51.96	47.18	42.67
1000	41.14	47.31	50.05	47.85	51.67	46.54	44.62
1500	36.90	40.61	42.05	42.49	45.56	39.74	38.25
2000	34.43	38.69	40.91	41.62	41.74	38.27	38.46
2500	31.69	34.19	35.22	37.56	36.25	33.55	35.29
3000	30.70	32.98	34.28	34.24	34.29	32.45	33.13
3500	28.75	29.92	30.92	30.62	31.05	29.38	29.70
4000	28.16	28.40	29.61	29.03	29.15	28.07	28.29
4500	27.19	26.82	28.06	27.60	27.57	26.64	26.85
5000	26.27	25.55	27.04	26.40	26.12	25.49	25.65
5500	25.66	24.95	26.46	25.84	25.60	24.92	24.88
6000	24.81	24.16	26.08	25.01	24.73	24.32	24.03
6500	24.61	24.01	26.16	25.09	24.55	24.17	23.89
7000	23.92	23.49	26.03	24.80	23.81	23.70	23.44
7500	24.42	23.87	26.58	25.74	24.15	24.04	24.06
8000	23.75	23.32	26.14	25.20	23.46	23.50	23.69
8500	23.94	23.73	26.38	25.23	23.68	23.51	23.77
9000	23.30	23.12	25.24	24.46	22.88	22.52	23.27
9500	23.62	23.35	24.99	25.04	23.03	22.29	24.00
10000	23.18	23.09	24.52	24.25	22.65	21.87	23.67
10500	23.09	23.21	24.37	24.40	22.77	21.79	24.03
11000	22.92	22.86	23.99	24.17	22.47	21.43	24.03
11500	23.71	23.39	24.43	24.86	23.08	21.76	24.77
12000	24.25	24.30	25.52	25.63	24.17	22.51	25.82
13000	26.96	27.29	29.93	31.17	28.77	25.35	29.75
14000	27.75	29.56	38.56	40.60	40.51	30.86	29.57
15000	25.27	25.62	28.03	27.32	28.20	28.27	23.62
16000	21.89	22.20	23.73	23.31	23.50	23.73	20.50
17000	20.03	19.74	20.97	20.56	20.68	20.60	18.23
18000	18.75	18.68	19.98	19.83	19.64	19.10	17.57
19000	18.40	17.76	19.84	18.98	18.86	18.43	16.72
20000	17.94	17.44	20.19	18.87	18.66	18.45	16.67
21000	18.27	17.66	19.98	18.24	18.67	18.37	16.88
22000	18.52	18.59	20.14	18.09	19.15	18.54	17.78
23000	19.52	20.20	21.46	18.88	20.14	19.84	19.71
24000	20.81	21.78	22.69	19.54	20.95	21.51	20.91
25000	22.49	23.23	23.15	20.32	22.03	22.05	21.95
26000	20.74	21.52	23.17	20.16	21.71	21.54	20.80
27000	19.64	20.03	23.13	20.61	20.95	21.14	19.35
28000	19.84	20.29	23.38	20.76	21.29	20.89	18.89
29000	20.07	20.30	24.21	21.48	21.07	20.95	18.61
30000	19.76	20.26	24.62	22.92	20.22	20.96	18.70
31000	20.80	21.20	24.77	23.42	19.89	20.66	17.99
32000	20.54	20.37	23.23	22.43	18.61	19.31	17.52
33000	20.36	19.51	22.28	21.29	17.75	19.00	17.80
34000	21.03	20.47	22.62	21.07	18.19	19.71	18.98
35000	22.42	21.95	23.80	21.12	19.29	21.00	21.68
36000	24.07	23.14	23.37	19.97	19.39	22.32	25.23
37000	28.29	26.61	21.82	19.46	20.03	23.60	36.23
38000	34.63	31.56	20.20	18.75	21.37	25.61	27.32
39000	23.20	22.75	17.19	17.28	19.26	22.20	19.46
40000	16.56	16.09	13.94	14.48	15.44	16.64	14.93

