

4 Way-0° Power Splitter/Combiner

ZN4PD-5R183-S+

Typical Performance Data

TEST CONDITIONS: INPUT POWER = 0 dBm @Temperature = +25°C

FREQ. (MHz)	TOTAL LOSS ¹				AMP. UNBAL. (dB)	PHASE UNBAL. (deg.)	ISOLATION			VSWR				
	S-1	S-2	S-3	S-4			1-2	1-4	3-4	S	1	2	3	4
100	7.19	7.19	7.16	7.18	0.03	0.02	3.68	12.82	3.67	2.67	1.67	1.67	1.66	1.67
500	6.47	6.47	6.47	6.48	0.00	0.14	13.95	20.95	13.90	1.60	1.11	1.11	1.10	1.10
600	6.25	6.25	6.27	6.26	0.02	0.19	16.27	24.41	16.34	1.05	1.03	1.03	1.02	1.02
700	6.27	6.27	6.29	6.29	0.02	0.23	20.76	29.27	21.12	1.09	1.08	1.09	1.09	1.09
800	6.29	6.30	6.31	6.31	0.02	0.30	40.29	37.50	44.75	1.09	1.17	1.17	1.17	1.17
900	6.35	6.36	6.36	6.36	0.01	0.35	28.64	45.31	28.17	1.20	1.15	1.15	1.15	1.15
1000	6.33	6.33	6.34	6.34	0.01	0.35	34.16	37.64	33.79	1.06	1.06	1.06	1.05	1.05
1250	6.56	6.56	6.57	6.56	0.01	0.39	23.69	39.33	23.59	1.52	1.27	1.27	1.27	1.26
1500	6.41	6.41	6.41	6.41	0.01	0.48	28.64	38.73	28.99	1.06	1.12	1.12	1.12	1.12
1750	6.45	6.45	6.45	6.46	0.01	0.48	25.00	30.14	24.70	1.13	1.13	1.13	1.13	1.13
2000	6.64	6.62	6.63	6.63	0.01	0.60	19.63	28.86	19.50	1.45	1.28	1.27	1.27	1.27
2250	6.52	6.51	6.51	6.52	0.01	0.75	20.56	28.15	20.38	1.09	1.17	1.16	1.16	1.16
2500	6.57	6.59	6.58	6.57	0.02	0.82	23.67	26.75	23.45	1.19	1.18	1.19	1.18	1.18
2750	6.65	6.67	6.66	6.64	0.03	0.82	17.52	26.44	17.46	1.30	1.14	1.13	1.13	1.14
3000	6.64	6.66	6.66	6.65	0.02	0.73	18.81	26.32	18.53	1.23	1.10	1.10	1.09	1.10
3250	6.67	6.68	6.67	6.67	0.01	0.93	23.22	26.02	23.47	1.24	1.13	1.15	1.14	1.15
3500	6.67	6.66	6.67	6.66	0.00	1.10	18.37	26.71	18.34	1.15	1.01	1.01	1.01	1.01
3750	6.76	6.77	6.77	6.74	0.03	1.26	19.09	27.33	19.16	1.32	1.04	1.02	1.03	1.03
4000	6.75	6.76	6.76	6.73	0.03	1.30	23.79	27.57	23.87	1.17	1.07	1.08	1.07	1.07
4250	6.74	6.76	6.77	6.73	0.04	1.41	21.98	29.96	21.82	1.07	1.10	1.08	1.09	1.10
4500	6.87	6.87	6.88	6.84	0.04	1.34	22.47	31.16	22.42	1.34	1.11	1.09	1.10	1.10
4750	6.80	6.79	6.80	6.77	0.03	1.36	26.12	30.19	26.27	1.11	1.04	1.03	1.03	1.03
5000	6.82	6.80	6.82	6.80	0.03	1.40	29.19	34.78	28.87	1.04	1.08	1.07	1.08	1.08
5250	6.89	6.87	6.89	6.86	0.03	1.59	25.19	33.11	25.12	1.26	1.05	1.04	1.05	1.04
5500	6.87	6.87	6.89	6.84	0.05	1.84	27.86	29.46	27.01	1.09	1.04	1.03	1.03	1.03
5750	6.89	6.92	6.96	6.86	0.10	1.67	31.81	33.73	32.03	1.06	1.11	1.09	1.10	1.12
6000	7.01	7.03	7.04	6.96	0.09	1.76	23.20	30.67	22.59	1.13	1.06	1.05	1.04	1.06
6250	7.02	7.00	6.99	6.96	0.07	1.63	22.95	26.60	22.94	1.22	1.12	1.12	1.10	1.13
6500	7.00	6.96	7.03	6.96	0.08	1.98	25.63	29.81	24.85	1.18	1.22	1.22	1.20	1.22
6750	7.02	7.00	7.05	6.95	0.10	2.07	19.77	30.71	19.35	1.03	1.09	1.09	1.09	1.09
7000	7.18	7.18	7.22	7.10	0.13	2.26	19.79	25.78	20.05	1.35	1.09	1.08	1.12	1.09
7250	7.14	7.14	7.18	7.07	0.11	1.91	21.47	27.42	21.39	1.19	1.14	1.13	1.16	1.13
7500	7.11	7.07	7.14	7.04	0.10	2.11	19.29	32.63	19.04	1.07	1.04	1.04	1.04	1.04
7750	7.18	7.12	7.15	7.11	0.06	2.34	20.57	27.53	20.61	1.31	1.05	1.06	1.05	1.06
8000	7.22	7.14	7.20	7.17	0.08	3.04	22.27	28.31	22.62	1.15	1.05	1.05	1.05	1.05
8500	7.30	7.29	7.32	7.24	0.07	2.99	25.00	30.45	25.23	1.27	1.12	1.09	1.07	1.09
9000	7.35	7.35	7.36	7.29	0.07	2.71	28.87	35.31	27.94	1.03	1.10	1.08	1.06	1.07
9500	7.38	7.33	7.30	7.32	0.08	2.87	27.40	32.53	25.85	1.13	1.02	1.02	1.05	1.04
10000	7.53	7.53	7.48	7.45	0.08	2.78	22.93	32.54	22.69	1.07	1.07	1.07	1.06	1.06
10500	7.53	7.43	7.39	7.44	0.14	2.74	23.37	30.51	23.91	1.09	1.16	1.13	1.10	1.12
11000	7.75	7.60	7.57	7.62	0.19	3.67	21.96	30.92	21.57	1.20	1.17	1.14	1.14	1.14
11500	7.69	7.64	7.56	7.56	0.13	3.21	22.33	29.36	22.32	1.07	1.12	1.15	1.16	1.12
12000	7.87	7.71	7.68	7.78	0.20	3.61	20.86	31.00	20.09	1.10	1.08	1.07	1.03	1.10
12500	7.93	7.79	7.71	7.79	0.23	3.40	28.34	36.31	30.52	1.18	1.05	1.06	1.08	1.06
13000	8.02	7.90	7.87	7.88	0.14	3.24	29.02	33.18	28.67	1.23	1.16	1.12	1.08	1.15
13500	8.17	8.03	8.00	8.04	0.17	4.34	23.56	31.64	22.94	1.35	1.18	1.19	1.11	1.16
14000	8.23	8.12	8.08	8.04	0.18	3.87	24.99	36.00	24.74	1.12	1.10	1.07	1.03	1.11
14500	8.18	8.13	8.11	7.97	0.22	3.76	21.29	30.46	20.45	1.05	1.04	1.03	1.03	1.07
15000	8.25	8.14	8.16	8.01	0.24	4.92	25.21	34.48	24.97	1.15	1.24	1.23	1.19	1.28
15500	8.27	8.27	8.28	8.08	0.21	4.49	22.79	30.71	21.95	1.24	1.15	1.14	1.14	1.16
16000	8.33	8.19	8.25	8.10	0.22	4.54	20.74	34.26	21.09	1.25	1.05	1.07	1.06	1.01
16500	8.38	8.19	8.17	8.18	0.21	5.41	33.94	32.15	38.42	1.16	1.07	1.05	1.04	1.09
17000	8.51	8.70	8.71	8.33	0.38	5.26	27.55	32.87	27.55	1.18	1.09	1.12	1.11	1.19
18000	8.54	8.51	8.54	8.36	0.18	4.95	32.08	32.85	29.35	1.26	1.14	1.14	1.15	1.16
19000	8.68	8.50	8.60	8.47	0.21	4.45	22.94	43.42	23.22	1.14	1.03	1.01	1.04	1.08
20000	8.74	8.52	8.51	8.54	0.23	4.48	24.04	33.13	23.88	1.14	1.21	1.24	1.28	1.29

¹Total Loss = Insertion Loss + 6dB Splitter Loss



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REV. OR
ZN4PD-5R183-S+
10/10/2019
Page 1 of 3

4 Way-0° Power Splitter/Combiner

ZN4PD-5R183-S+

Typical Performance Data

TEST CONDITIONS: INPUT POWER = 0 dBm @Temperature = -55°C

FREQ. (MHz)	TOTAL LOSS ¹				AMP. UNBAL. (dB)	PHASE UNBAL. (deg.)	ISOLATION			VSWR				
	S-1	S-2	S-3	S-4			1-2	1-4	3-4	S	1	2	3	4
100	7.18	7.18	7.14	7.17	0.04	0.06	3.66	12.77	3.65	2.69	1.67	1.67	1.66	1.67
500	6.43	6.44	6.45	6.44	0.02	0.11	13.91	20.97	13.85	1.61	1.11	1.11	1.10	1.11
600	6.20	6.21	6.23	6.21	0.03	0.17	16.22	24.36	16.28	1.06	1.03	1.03	1.02	1.02
700	6.22	6.23	6.24	6.24	0.02	0.25	20.88	28.98	21.24	1.09	1.08	1.09	1.09	1.09
800	6.23	6.25	6.26	6.25	0.03	0.23	39.90	36.36	44.74	1.09	1.17	1.17	1.17	1.17
900	6.29	6.30	6.31	6.30	0.02	0.29	29.00	46.65	28.47	1.21	1.16	1.15	1.15	1.15
1000	6.26	6.28	6.28	6.27	0.02	0.28	34.40	38.90	34.00	1.06	1.06	1.06	1.05	1.05
1250	6.49	6.50	6.51	6.50	0.02	0.35	23.40	38.35	23.29	1.53	1.27	1.27	1.27	1.26
1500	6.32	6.34	6.34	6.33	0.02	0.40	28.24	40.61	28.59	1.06	1.12	1.12	1.12	1.12
1750	6.36	6.37	6.38	6.37	0.02	0.41	25.00	29.77	24.66	1.13	1.13	1.13	1.13	1.13
2000	6.54	6.54	6.54	6.54	0.01	0.59	19.34	28.33	19.21	1.45	1.28	1.27	1.27	1.27
2250	6.41	6.42	6.41	6.41	0.01	0.74	20.26	28.64	20.09	1.08	1.16	1.15	1.15	1.16
2500	6.45	6.49	6.47	6.46	0.04	0.82	23.39	26.49	23.18	1.18	1.18	1.19	1.18	1.18
2750	6.52	6.56	6.54	6.52	0.05	0.64	17.36	25.97	17.30	1.29	1.14	1.13	1.12	1.14
3000	6.51	6.56	6.54	6.53	0.04	0.61	18.72	26.61	18.44	1.24	1.09	1.09	1.08	1.10
3250	6.53	6.56	6.54	6.53	0.03	0.75	23.27	25.80	23.54	1.23	1.14	1.16	1.15	1.15
3500	6.51	6.54	6.54	6.52	0.02	0.86	18.33	26.29	18.30	1.14	1.00	1.02	1.01	1.01
3750	6.61	6.65	6.64	6.61	0.04	1.07	19.15	27.50	19.24	1.33	1.04	1.02	1.02	1.03
4000	6.58	6.62	6.62	6.58	0.04	1.14	23.93	27.33	24.04	1.17	1.08	1.08	1.08	1.08
4250	6.56	6.62	6.63	6.57	0.06	1.20	22.02	29.61	21.86	1.07	1.09	1.07	1.08	1.09
4500	6.69	6.72	6.72	6.68	0.04	1.10	22.55	31.16	22.52	1.35	1.09	1.09	1.09	1.09
4750	6.61	6.64	6.63	6.60	0.03	1.21	26.09	29.90	26.28	1.10	1.03	1.02	1.02	1.03
5000	6.63	6.64	6.66	6.63	0.03	1.26	28.89	35.37	28.54	1.03	1.07	1.07	1.07	1.07
5250	6.69	6.70	6.71	6.69	0.03	1.35	25.06	32.52	24.97	1.27	1.05	1.04	1.05	1.04
5500	6.66	6.70	6.71	6.65	0.05	1.53	27.60	29.56	26.80	1.07	1.03	1.03	1.02	1.03
5750	6.68	6.75	6.77	6.67	0.10	1.49	31.32	33.71	31.39	1.06	1.09	1.08	1.09	1.11
6000	6.78	6.84	6.85	6.73	0.11	1.29	22.53	30.54	22.25	1.14	1.04	1.04	1.02	1.04
6250	6.79	6.81	6.80	6.75	0.06	1.33	22.75	27.18	22.79	1.20	1.11	1.11	1.09	1.12
6500	6.77	6.77	6.83	6.75	0.08	1.70	25.67	29.69	24.90	1.18	1.21	1.21	1.19	1.21
6750	6.78	6.80	6.85	6.73	0.12	1.92	19.74	29.83	19.37	1.02	1.08	1.07	1.08	1.08
7000	6.90	6.96	7.00	6.85	0.14	2.03	19.98	26.55	20.23	1.33	1.08	1.07	1.11	1.09
7250	6.89	6.94	6.95	6.85	0.10	1.82	22.07	27.14	21.99	1.18	1.14	1.12	1.15	1.12
7500	6.86	6.87	6.90	6.82	0.08	2.21	19.77	30.60	19.51	1.04	1.04	1.06	1.05	1.04
7750	6.90	6.89	6.89	6.86	0.04	2.38	21.34	29.08	21.41	1.28	1.07	1.08	1.06	1.07
8000	6.95	6.92	6.95	6.94	0.04	2.62	23.03	27.80	23.35	1.15	1.06	1.06	1.05	1.06
8500	7.00	7.04	7.06	6.99	0.07	2.65	26.44	33.45	26.77	1.24	1.10	1.08	1.07	1.08
9000	7.08	7.13	7.13	7.06	0.07	2.26	29.76	31.92	29.03	1.05	1.11	1.08	1.05	1.07
9500	7.09	7.08	7.07	7.06	0.04	2.63	27.09	29.24	25.81	1.16	1.03	1.02	1.04	1.04
10000	7.22	7.26	7.25	7.17	0.09	2.79	22.76	35.03	22.25	1.07	1.07	1.07	1.06	1.06
10500	7.23	7.18	7.11	7.18	0.13	2.95	21.86	31.84	22.25	1.11	1.16	1.13	1.11	1.13
11000	7.40	7.30	7.23	7.32	0.17	3.49	20.69	27.24	20.20	1.17	1.18	1.14	1.15	1.15
11500	7.37	7.38	7.22	7.29	0.17	3.22	20.81	30.75	20.83	1.08	1.12	1.15	1.15	1.12
12000	7.55	7.45	7.37	7.50	0.18	2.57	20.37	33.15	19.52	1.15	1.10	1.09	1.02	1.11
12500	7.54	7.48	7.40	7.46	0.14	3.12	26.93	29.43	28.58	1.18	1.07	1.07	1.07	1.06
13000	7.64	7.62	7.58	7.57	0.07	2.96	29.59	33.76	28.39	1.32	1.17	1.14	1.10	1.16
13500	7.79	7.74	7.74	7.72	0.07	3.81	23.98	38.58	23.47	1.45	1.19	1.20	1.11	1.17
14000	7.81	7.80	7.76	7.69	0.12	4.06	26.82	28.90	26.75	1.17	1.13	1.10	1.05	1.13
14500	7.76	7.82	7.70	7.63	0.19	3.95	23.24	26.67	22.28	1.11	1.07	1.01	1.01	1.08
15000	7.73	7.78	7.73	7.58	0.20	4.56	28.94	46.06	27.99	1.15	1.26	1.25	1.21	1.27
15500	7.79	7.93	7.88	7.67	0.26	4.10	22.74	27.13	22.01	1.28	1.14	1.14	1.14	1.14
16000	7.88	7.86	7.93	7.71	0.22	4.09	20.08	28.67	19.94	1.30	1.05	1.07	1.04	1.01
16500	7.90	7.81	7.79	7.76	0.14	5.69	28.49	40.60	30.67	1.16	1.08	1.05	1.04	1.09
17000	8.08	8.33	8.32	7.93	0.40	5.38	25.56	31.14	25.36	1.22	1.10	1.12	1.12	1.17
18000	8.09	8.12	8.08	7.92	0.20	5.16	29.12	36.14	26.77	1.28	1.16	1.15	1.16	1.16
19000	8.20	8.07	8.15	8.01	0.19	3.84	22.18	37.61	22.87	1.18	1.04	1.01	1.04	1.08
20000	8.23	8.08	8.04	8.03	0.20	4.21	25.03	41.68	25.78	1.17	1.23	1.24	1.28	1.29

¹Total Loss = Insertion Loss + 6dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS

REV. OR
ZN4PD-5R183-S+
10/10/2019
Page 2 of 3

4 Way-0° Power Splitter/Combiner

ZN4PD-5R183-S+

Typical Performance Data

TEST CONDITIONS: INPUT POWER = 0 dBm @Temperature = +100°C

FREQ. (MHz)	TOTAL LOSS ¹				AMP. UNBAL. (dB)	PHASE UNBAL. (deg.)	ISOLATION			VSWR				
	S-1	S-2	S-3	S-4			1-2	1-4	3-4	S	1	2	3	4
100	7.19	7.20	7.15	7.19	0.05	0.13	3.69	12.80	3.68	2.66	1.67	1.67	1.65	1.67
500	6.48	6.48	6.50	6.48	0.02	0.08	13.95	21.08	13.89	1.59	1.11	1.11	1.10	1.10
600	6.26	6.27	6.29	6.27	0.03	0.09	16.23	24.54	16.29	1.05	1.03	1.03	1.02	1.02
700	6.29	6.30	6.31	6.30	0.02	0.17	20.91	29.26	21.26	1.09	1.08	1.09	1.09	1.09
800	6.30	6.32	6.33	6.31	0.02	0.19	40.35	36.79	45.42	1.09	1.17	1.17	1.17	1.17
900	6.36	6.38	6.38	6.37	0.02	0.25	28.98	45.80	28.49	1.21	1.15	1.15	1.15	1.15
1000	6.34	6.35	6.36	6.35	0.02	0.24	34.77	38.79	34.37	1.06	1.06	1.06	1.05	1.05
1250	6.57	6.58	6.59	6.57	0.02	0.27	23.57	38.73	23.46	1.51	1.26	1.26	1.27	1.26
1500	6.42	6.43	6.44	6.42	0.02	0.32	28.42	40.55	28.80	1.06	1.13	1.12	1.12	1.12
1750	6.47	6.47	6.48	6.47	0.02	0.28	24.82	29.92	24.51	1.13	1.12	1.13	1.12	1.13
2000	6.65	6.66	6.65	6.65	0.01	0.43	19.50	28.42	19.36	1.44	1.28	1.27	1.27	1.27
2250	6.54	6.55	6.54	6.53	0.01	0.60	20.30	28.82	20.12	1.08	1.17	1.16	1.16	1.16
2500	6.58	6.62	6.61	6.59	0.04	0.60	23.20	26.63	22.99	1.18	1.18	1.19	1.18	1.18
2750	6.67	6.71	6.68	6.66	0.05	0.48	17.43	26.07	17.36	1.30	1.15	1.14	1.13	1.15
3000	6.67	6.70	6.68	6.67	0.04	0.37	18.69	26.91	18.42	1.23	1.10	1.10	1.09	1.10
3250	6.69	6.72	6.70	6.68	0.03	0.60	23.19	25.93	23.42	1.24	1.13	1.14	1.14	1.13
3500	6.69	6.70	6.71	6.68	0.02	0.64	18.42	26.31	18.38	1.16	1.01	1.01	1.01	1.01
3750	6.79	6.81	6.80	6.77	0.04	0.80	19.17	27.95	19.25	1.32	1.04	1.02	1.03	1.04
4000	6.78	6.81	6.80	6.76	0.05	0.89	24.21	27.48	24.31	1.18	1.07	1.07	1.07	1.08
4250	6.77	6.81	6.82	6.76	0.06	0.95	22.22	29.45	22.04	1.08	1.09	1.08	1.09	1.09
4500	6.89	6.91	6.91	6.87	0.04	0.82	22.68	31.95	22.61	1.34	1.11	1.10	1.10	1.11
4750	6.83	6.84	6.83	6.81	0.03	0.82	26.50	29.97	26.67	1.11	1.05	1.03	1.03	1.04
5000	6.84	6.85	6.87	6.85	0.02	0.87	29.30	34.88	28.84	1.04	1.09	1.08	1.09	1.09
5250	6.91	6.92	6.93	6.91	0.02	0.98	25.37	33.32	25.24	1.26	1.06	1.04	1.05	1.05
5500	6.89	6.92	6.92	6.89	0.03	1.18	27.98	29.38	27.15	1.09	1.04	1.03	1.03	1.04
5750	6.92	6.98	7.00	6.92	0.08	1.04	31.87	33.87	31.87	1.06	1.10	1.09	1.10	1.13
6000	6.99	7.05	7.06	6.99	0.07	0.91	22.94	31.03	22.59	1.14	1.05	1.04	1.03	1.06
6250	7.03	7.05	7.03	7.01	0.03	0.86	22.90	26.96	22.95	1.20	1.11	1.11	1.10	1.12
6500	7.01	7.02	7.08	7.01	0.06	1.26	26.11	30.04	25.31	1.18	1.22	1.22	1.20	1.22
6750	7.03	7.05	7.10	6.99	0.11	1.32	19.91	30.30	19.51	1.02	1.10	1.09	1.10	1.09
7000	7.17	7.23	7.27	7.12	0.15	1.51	19.94	26.33	20.21	1.34	1.10	1.08	1.12	1.10
7250	7.15	7.21	7.22	7.11	0.11	1.18	22.03	27.51	21.95	1.19	1.15	1.13	1.16	1.13
7500	7.13	7.15	7.17	7.07	0.10	1.52	19.57	31.57	19.36	1.06	1.03	1.04	1.05	1.03
7750	7.19	7.18	7.19	7.14	0.05	1.57	20.88	28.71	20.91	1.30	1.06	1.06	1.04	1.05
8000	7.23	7.20	7.24	7.20	0.04	2.21	22.99	28.14	23.36	1.15	1.06	1.06	1.06	1.06
8500	7.32	7.35	7.36	7.27	0.09	2.15	25.82	32.83	26.12	1.26	1.10	1.08	1.07	1.08
9000	7.38	7.43	7.42	7.33	0.09	1.80	30.04	33.17	29.16	1.03	1.10	1.07	1.06	1.06
9500	7.41	7.40	7.39	7.36	0.06	1.82	27.99	29.76	26.41	1.13	1.02	1.02	1.05	1.04
10000	7.56	7.60	7.58	7.49	0.11	1.98	23.12	34.80	22.63	1.06	1.06	1.06	1.06	1.05
10500	7.59	7.54	7.46	7.51	0.13	1.95	22.45	32.27	22.83	1.13	1.15	1.13	1.10	1.12
11000	7.79	7.69	7.61	7.67	0.18	2.88	20.65	27.70	20.30	1.19	1.16	1.12	1.14	1.13
11500	7.74	7.75	7.58	7.63	0.17	2.18	20.80	31.17	20.80	1.04	1.12	1.14	1.16	1.12
12000	7.90	7.80	7.72	7.82	0.18	1.75	20.62	33.65	19.81	1.08	1.08	1.06	1.04	1.08
12500	7.93	7.87	7.78	7.81	0.15	1.93	26.66	30.33	28.12	1.17	1.06	1.06	1.09	1.04
13000	8.03	8.00	7.96	7.93	0.09	1.86	29.36	34.69	28.21	1.25	1.14	1.11	1.08	1.13
13500	8.18	8.13	8.11	8.07	0.11	2.98	23.73	37.35	23.21	1.39	1.16	1.18	1.10	1.14
14000	8.23	8.21	8.18	8.08	0.15	2.67	25.42	30.46	25.23	1.14	1.12	1.08	1.03	1.10
14500	8.22	8.27	8.14	8.04	0.23	2.89	23.39	27.18	22.33	1.10	1.06	1.02	1.03	1.06
15000	8.21	8.24	8.19	8.02	0.22	3.22	27.72	41.04	27.85	1.17	1.24	1.23	1.19	1.25
15500	8.27	8.40	8.34	8.10	0.30	2.72	23.68	28.37	22.59	1.23	1.13	1.14	1.14	1.13
16000	8.36	8.33	8.40	8.16	0.25	2.60	20.84	28.73	20.83	1.26	1.08	1.05	1.06	1.03
16500	8.43	8.33	8.27	8.21	0.21	4.48	29.23	44.16	31.34	1.16	1.10	1.05	1.04	1.08
17000	8.64	8.88	8.87	8.44	0.44	3.98	25.57	32.48	25.44	1.24	1.11	1.13	1.12	1.17
18000	8.67	8.67	8.64	8.46	0.21	3.41	27.93	36.80	26.02	1.23	1.16	1.14	1.15	1.17
19000	8.81	8.66	8.74	8.56	0.25	2.13	22.91	38.55	23.37	1.18	1.03	1.02	1.05	1.08
20000	8.86	8.66	8.63	8.60	0.26	2.57	23.89	39.56	24.25	1.20	1.23	1.24	1.27	1.31

¹Total Loss = Insertion Loss + 6dB Splitter Loss



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Page 3 of 3