3 Way-0° Power Splitter/Combiner RACK-3-ED10279/1

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS[1] (dB)			AMP. UNBAL. (dB)	ISOLATION (dB)			PHASE UNBAL. (deg.)
	S-1	S-2	S-3		1-2	1-3	2-3	
540.0	5.37	5.21	5.37	0.16	15.65	14.46	15.73	4.20
560.0	5.33	5.18	5.33	0.15	16.19	14.86	16.29	4.36
580.0	5.28	5.14	5.29	0.15	16.76	15.27	16.88	4.52
600.0	5.25	5.10	5.25	0.15	17.38	15.71	17.52	4.65
620.0	5.21	5.07	5.20	0.14	18.05	16.18	18.22	4.81
640.0	5.17	5.03	5.18	0.14	18.80	16.69	19.00	4.95
660.0	5.14	5.00	5.14	0.14	19.61	17.23	19.85	5.07
680.0	5.11	4.98	5.11	0.13	20.53	17.84	20.83	5.22
700.0	5.10	4.96	5.09	0.14	21.57	18.48	21.92	5.38
720.0	5.07	4.94	5.06	0.13	22.78	19.20	23.19	5.55
740.0	5.05	4.92	5.03	0.13	24.17	19.99	24.68	5.65
760.0	5.02	4.90	5.01	0.12	25.83	20.86	26.48	5.77
780.0	5.01	4.89	4.99	0.12	27.91	21.84	28.77	5.91
800.0	4.99	4.87	4.97	0.12	30.63	22.96	31.82	6.02
820.0	4.98	4.86	4.95	0.11	34.51	24.25	36.23	6.18
840.0	4.97	4.86	4.94	0.10	40.62	25.79	41.46	6.40
850.0	4.97	4.87	4.94	0.10	43.08	26.69	40.72	6.43
860.0	4.98	4.88	4.94	0.10	41.38	27.70	37.95	6.51
870.0	4.98	4.89	4.94	0.09	37.97	28.81	35.22	6.59
880.0	4.99	4.89	4.95	0.10	35.10	30.11	32.94	6.70
890.0	4.99	4.89	4.95	0.10	32.84	31.61	31.09	6.72
900.0	4.99	4.89	4.95	0.10	30.96	33.45	29.55	6.80
920.0	4.99	4.90	4.94	0.09	28.12	38.65	27.07	6.85
940.0	4.99	4.91	4.94	0.07	25.98	47.52	25.12	7.00
960.0	4.99	4.92	4.94	0.06	24.26	39.97	23.56	7.15
980.0	5.01	4.95	4.96	0.06	22.85	34.21	22.25	7.41
1000.0	5.04	4.98	4.98	0.06	21.64	30.72	21.12	7.53
1020.0	5.07	5.01	5.01	0.06	20.59	28.22	20.14	7.70
1040.0	5.09	5.05	5.03	0.06	19.66	26.30	19.25	7.78
1060.0	5.12	5.08	5.05	0.07	18.84	24.75	18.46	7.93
1080.0	5.14	5.12	5.07	0.07	18.09	23.45	17.76	8.05
1100.0	5.17	5.15	5.10	0.07	17.42	22.33	17.12	8.23
1120.0	5.20	5.20	5.12	0.08	16.81	21.36	16.54	8.36
1140.0	5.24	5.25	5.16	0.09	16.25	20.49	16.00	8.54
1160.0	5.27	5.30	5.20	0.10	15.73	19.72	15.51	8.75
1180.0	5.32	5.35	5.24	0.11	15.26	19.02	15.06	8.95
1200.0	5.37	5.39	5.28	0.12	14.81	18.40	14.63	9.15

FREQ. (MHz)	VSWR (:1)			
	S	1	2	3
540.0	1.84	1.12	1.13	1.12
560.0	1.79	1.10	1.11	1.10
580.0	1.73	1.09	1.10	1.08
600.0	1.67	1.07	1.08	1.06
620.0	1.62	1.06	1.07	1.05
640.0	1.57	1.04	1.06	1.04
660.0	1.51	1.03	1.05	1.03
680.0	1.46	1.02	1.04	1.02
700.0	1.41	1.01	1.03	1.02
720.0	1.36	1.01	1.03	1.02
740.0	1.31	1.01	1.03	1.03
760.0	1.27	1.02	1.03	1.03
780.0	1.22	1.02	1.03	1.04
800.0	1.18	1.03	1.03	1.05
820.0	1.14	1.03	1.04	1.05
840.0	1.14	1.04	1.04	1.05
850.0	1.10	1.04	1.04	1.06
860.0	1.09	1.04	1.04	1.06
870.0	1.08	1.04	1.04	1.06
880.0	1.08	1.04	1.04	1.06
890.0	1.09	1.04	1.04	1.06
900.0	1.10	1.04	1.04	1.06
920.0	1.13	1.04	1.04	1.06
940.0	1.16	1.04	1.04	1.06
960.0	1.20	1.04	1.04	1.06
980.0	1.24	1.03	1.03	1.06
1000.0	1.29	1.03	1.03	1.05
1020.0	1.34	1.02	1.03	1.05
1040.0	1.38	1.02	1.02	1.04
1060.0	1.43	1.01	1.02	1.04
1080.0	1.49	1.01	1.02	1.03
1100.0	1.54	1.01	1.02	1.03
1120.0	1.59	1.02	1.03	1.03
1140.0	1.65	1.03	1.03	1.03
1160.0	1.70	1.04	1.04	1.04
1180.0	1.76	1.05	1.05	1.05
1200.0	1.82	1.06	1.07	1.06

[1]Total Loss = Insertion Loss + 4.8dB Splitter Loss